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Alexander's Dahlias
1924



Margaret E. Millis

J. K. ALEXANDER
The World's Largest Dahlia Grower
East Bridgewater, Mass.




J. K. ALEXANDER

I print this not because I am proud of my own picture, but because most people like to see the man with whom they are doing business.

Greetings

FRIENDS and CUSTOMERS

OLD AND NEW



I BELIEVE a heart to heart talk will give us a good opportunity to become better acquainted. You may be interested to know that Dahlias were my hobby thirty-two years ago; I loved flowers but never dreamed of being in the business. I'll tell you how it happened. My neighbors had several old-fashioned Dahlias, and I purchased a few; I took good care of them, and the flowers I produced were larger and more beautiful than theirs. I became interested, and whenever I saw a color I did not have, I added it to my collection. They were like so many children, as I learned to call them all by name.

My friends became interested in my Dahlias, and urged me to sell them the new colors I had purchased; thus I started in the business, with only sixty Dahlia plants. That was thirty-two years ago. My desire to secure a greater variety led me to search for the best and newest. In a few years I had all the varieties that American Dahlia specialists grew, and learning that new Dahlias were being originated in England and France, I sent for catalogs. That year I imported twenty varieties, and in the Fall the sales from my surplus amounted to \$72.00, not much; but enough to encourage me to go on.

Thinking other Dahlia lovers outside of East Bridgewater would be interested to know more about my favorites, I issued my first catalog in 1895. It was a very modest affair, but it did the business. The next year I exhibited at our local Fair, winning several premiums. Two years following, I imported thirty-two new varieties; which with my collection, led me to believe I could win at the Boston Show, which at that time was the largest Dahlia exhibition in America. I staked mine against the best, and won first prize. Since then my exhibitions, together with my growing exhibits at the World's Fair, St. Louis Purchase Exposition, Jamestown Exposition, Alaska-Yukon-Pacific Exposition and Panama-Pacific Exposition have won honors of highest degree, acknowledging my Dahlias universally unsurpassed.

My ambition to develop something better, larger and more beautiful in Dahlias, than was already on the market, led me to experimenting. My first results from hybridizing were very gratifying, and each year I have devoted considerable time to cross-pollination, with very satisfactory results;

and only wish I had more time to devote to this work. Many of the varieties in this catalog are my own seedlings, and I am developing choicer and better varieties each year, and will introduce them as soon as my stock is sufficient.

My intense enthusiasm and my desire to have the largest and most complete collection of Dahlias, have led me to all parts of the World, in an effort to secure the largest and finest varieties. Many are offered herein, but on some of the newest and choicest, where my catalog circulation is very large, my stock is insufficient to allow me to list them at this time, but they will appear in my catalog as soon as my stock is sufficiently large. Should you have in mind some new creation that you do not find listed, I would appreciate it if you will write me, as I have all that are worthwhile and will be pleased to supply you.

My interest in other flowers developed with that for my Dahlias. Soon I had a surplus of Gladioli and in 1902 offered choice varieties in my catalog. Since then I have always been on the alert keeping my collection up-to-date, and each year have added to my catalog some new bulb or plant. If I can be of help to you at any time in laying out your flower beds and grounds, or you wish my opinion on new varieties, feel free to write me, and I assure you I am always at your service.

In 1914 I constructed a storage and shipping plant, from which your orders are shipped. This building has a cement cellar containing 11,700 cubic feet of storage room and 4,680 square feet of floor space. In addition to this, I now use eight other cellars in which I store my bulbs, plants and shrubs.

If you are looking for some first-class up-to-date stock, whether it be Dahlias, Peonies or Hardy Plants, do not hesitate in placing your order in the hands of a firm who has been doing business for 29 years and guarantees satisfaction. My stock is all tested before being shipped to my customers; it is grown on my own farms and I give special attention to producing good strong roots, which is the important part of a plant to insure satisfactory results. I shall take as much pains in the future as in the past, to send out nothing but first quality stock, and to continue the same prompt, liberal and conscientious dealings. Hoping to receive a share of your patronage this coming season,

I am,

Yours for floral success,

J. K. ALEXANDER, *The Dahlia King*

(Copyrighted)

January 1, 1924

EAST BRIDGEWATER



Partial View of My Fields. Maude Adams in Foreground

Instructions—Information

Please Read Before Ordering

ORDER EARLY—Your orders are filled in rotation. Ordering early will insure the reservation of varieties that later may be sold out, and save you any disappointments.

SUGGESTIONS TO CUSTOMERS.—If you are not acquainted with the different classes and varieties of Dahlias, Peonies, Iris, or any of the other plants I list, I would suggest that you leave the selection to me. Send the amount of money you wish to spend, and write me fully if you have any preferences in types or colors, and I will choose the very best varieties possible, in an effort to please you. My liberal selection I assure you will be satisfactory, as I strive to give the very best when you allow me the choice.

TIME OF SHIPMENT.—Unless you give a specific shipping date, your order will be shipped to arrive at the proper time to plant in your locality. If you wish your order shipped at any special time, I will appreciate definite instructions, and assure you that you can depend upon me to serve you satisfactorily. It requires all Winter to separate my large number of clumps, but by the first of March I have one box of each variety systematically arranged in my shipping department, and am prepared to ship all varieties offered in this catalog after that date. As I start planting on June 1st, I cannot furnish all varieties listed herein after June 5th, but can supply good selections of all types if the choice is left to me. I assure you I will send the best possible where selections are left to my judgment.

PACKING.—No extra charge for packing. I take great pains in packing my orders, and strive to give all my personal attention to insure their arrival in good condition. I assure you that your order will be securely and carefully packed.

SHIPMENTS PREPAID.—All orders will be shipped by Parcel Post, Express or Freight, whichever way I deem advisable, prepaid to all parts of the world, unless otherwise stated.

FOREIGN AND SOUTHERN ORDERS that require shipment out of season. The fact that I receive large numbers of Foreign and Southern orders, and from the same customers year after year, leads me to believe my ability to serve is satisfactory to them. In view of the fact that I do not ordinarily complete harvesting before November 10th to 20th, and that it requires con-

siderable time to separate the clumps of the great number of varieties I grow, and the quantity makes my eight storage cellars very much congested, I would appreciate it if customers who wish their order shipped between November 30th and March 1st would mention a second choice when ordering. If they are not particularly desirous of special varieties it will insure them prompt shipment if they will leave the selection to me. I give Foreign orders special attention, packing them very securely, so that they will arrive in perfect condition.

ACCURACY OF DESCRIPTION.—All descriptions and other matter in this Catalog and Cultural Guide will be found to be as nearly in accordance with actual facts as it is possible to write them, great care having been taken to avoid exaggeration in descriptions of varieties. My authority as to colors is Ridgway's "Color Standards and Color Nomenclature" a complete and authentic chart giving Eleven Hundred and Fifty named colors.

In making comparisons there must be an allowance made for variation caused by different soils and climatic conditions.

SUBSTITUTION.—The varieties you select are always sent unless you grant me permission to substitute. If you wish a particular color, rather than a particular variety, many times it is to your advantage to mention the fact, as my intimate knowledge and experience oftentimes enables me to improve upon your selection. Therefore, if a substitute is acceptable, be sure to advise me, as otherwise everything is shipped absolutely as ordered.

ERRORS.—While my system of handling orders is as near perfect as possible, in the rush of business errors occasionally occur, and I hope to be promptly notified of such, giving me an opportunity to make proper adjustments. I would suggest that you keep a copy of your order for comparison.

REMITTANCES.—May be made by Check, Post Office or Express Money Order, or Registered Letter, and if for less than \$5.00 can be made in U. S. stamps. coin and currency should be sent by registered letter. Customers residing outside the United States please do not send Foreign stamps or currency—a Post Office order is preferable.

GUARANTEE.—I wish it distinctly understood that although I take all possible pains, I will not be held responsible beyond the purchase price. I guarantee every bulb, root and plant I send out to be just as represented, absolutely true-to-name, reach its destination safely in good growing condition. I will cheerfully replace anything that fails to prove otherwise, and will appreciate your calling my attention to it.

PRICES.—The prices herein cancel all previous ones. These prices are void when my 1925 catalog is issued. Any one variety priced at 25 cents each may be had at \$2.50 per dozen; any one variety priced at 35 cents each may be had at \$3.50 per dozen, and so on with 50 cents, 75 cents, \$1.00, \$2.00, \$3.00 and \$5.00 varieties. Six of one variety may be had at the dozen rate.

This is a saving of about 20%. If wanted in lots of 25 or more of one variety, write for quantity prices, stating quantity desired.

CONNECTIONS.—Long Distance Telephone:

Office—East Bridgewater Number One.

Telegraph.—Western Union, Brockton, Mass.

Post Office, Express and Freight Office, East Bridgewater, Mass.

TERMS.—Cash with orders or in advance of shipment.

NAME AND ADDRESS.—Please remember to write your name, street and number, Post Office, County, State and Country if Foreign, as plainly as possible. Post Office Box or R. F. D. number if you have one. This will avoid delays and chances for errors.

ALWAYS ADDRESS

J. K. ALEXANDER, *The Dahlia King*

543-559 Central Street

EAST BRIDGEWATER, MASS.

Classification of Dahlias

As adopted by the American Dahlia Society.

The Dahlia belongs to the family Compositae (or Carduaceae, as the family is now sometimes known) and is a close relative of our native species of *Coreopsis* and *Bidens* ("beggar-ticks") and our cultivated *Cosmos*. What we commonly call the flower is botanically, as also in the sun-flower, a flower-cluster or head, made up of numerous closely aggregated flowers, which are often of two or more kinds. In the so-called Single Dahlias, a few outer flowers of the cluster have broad, flat conspicuous expanded corollas or rays (popularly but not botanically the "petals,") while the inner or disc flowers, including most of the flowers of the cluster, have small inconspicuous tubular corollas.

Growers and exhibitors of Dahlias recognize several different classes or groups of Dahlias, based on the form and other characters of the "flower" or head. The extremes in form are very pronounced, and it is usually easy to say into which class a flower is to be placed; but here, as elsewhere in nature, and more especially where nature has been interfered with by man, the lines of separation are not always hard and fast, and it sometimes happens that a variety may be found classified under two and sometimes three different headings in catalogs of different dealers. The names and their applications as recently defined by the American Dahlia Society follow:—

SINGLE DAHLIAS. Open-centered flowers, small to very large, with 8 to 12 floral rays (petals) more or less in one circle, margins often decurved or revolute (turned down or backward). There are no distinctions as to colors. This class embraces the large Century type as well as the small English varieties. They resemble the Cosmos.

COLLARETTE DAHLIAS. Of the single type, with not more than 9 large floral rays; but with a circle of smaller, narrower, usually different colored rays, standing at the base or in front of the larger rays and forming a sort of collar between them and the open center.

DUPLEX DAHLIAS. Semi-double flowers; center almost exposed on opening of bud, rays more than twelve, in more than one circle, long and flat, or broad and rounded, not noticeably twisted or curled. Many Dahlias previously classed as Peony-flowered belong here.

PEONY-FLOWERED DAHLIAS. Flowers are Semi-double, having two, three or more rows of broad, flat, loosely arranged rays or petals, surrounding an open center, which is usually a conspicuous golden yellow. The inner floral rays being usually curled or twisted, the outer rays either flat, or more or less irregular. Sometimes the rays are pointed, occasionally they curl and twist over the center.

DECORATIVE DAHLIAS. Double flowers, full to the center, early in the season at least flat rather than ball-shaped, with broad, flat, somewhat loosely arranged floral rays with broad points or rounded tips which are straight or decurved (turned down or back) not incurved, and with margins revolute, if rolled at all.

BALL SHAPED, DOUBLE DAHLIAS. Full to the center.

(A) **SHOW TYPE.** Flowers globular or ball shaped rather than broad or flat, full to the center, showing regular spiral arrangement of florets, with floral rays or petals more or less quilled or with their margins involute (rolled forward or inward) and rounded tip. (Dahlias of this type with flowers spotted, variegated or parti-colored, were formerly classed as Fancy; a group no longer recognized.)

(B) **HYBRID SHOW. GIANT SHOW OR COLOSSAL TYPE.** Flowers fully double, broadly hemispherical to flatly globular in form, loosely built so spiral arrangement of florets is not immediately evident; floral rays broad, heavy, cupped or quilled, with rounded tips and more or less involute margins. Verging towards the Decorative Class and sometimes found classed with the Decoratives.

(C) **POMPON TYPE.** Same shape and form as A and B, but flowers must be under two inches in diameter.

CACTUS DAHLIAS: Double flowers.

(A) **TRUE FLUTED TYPE.** Flowers fully double, floral rays or petals long, narrow, incurved or twisted, with sharp, divided or fluted points and with margins revolute (rolled backward or outward) forming the outer florets, a more or less perfect tube for more than half the length of the ray or petal.

(B) **HYBRID CACTUS.** Flowers fully double, floral rays (petals) short as compared with previous type; broad, flat, recurved or twisted, not sharply pointed except when tips are divided (staghorn) margins only slightly revolute, and tubes of outer florets, if any less than half the length of the ray or petal. This type intergrades with the Decorative and Peony-flowered classes.

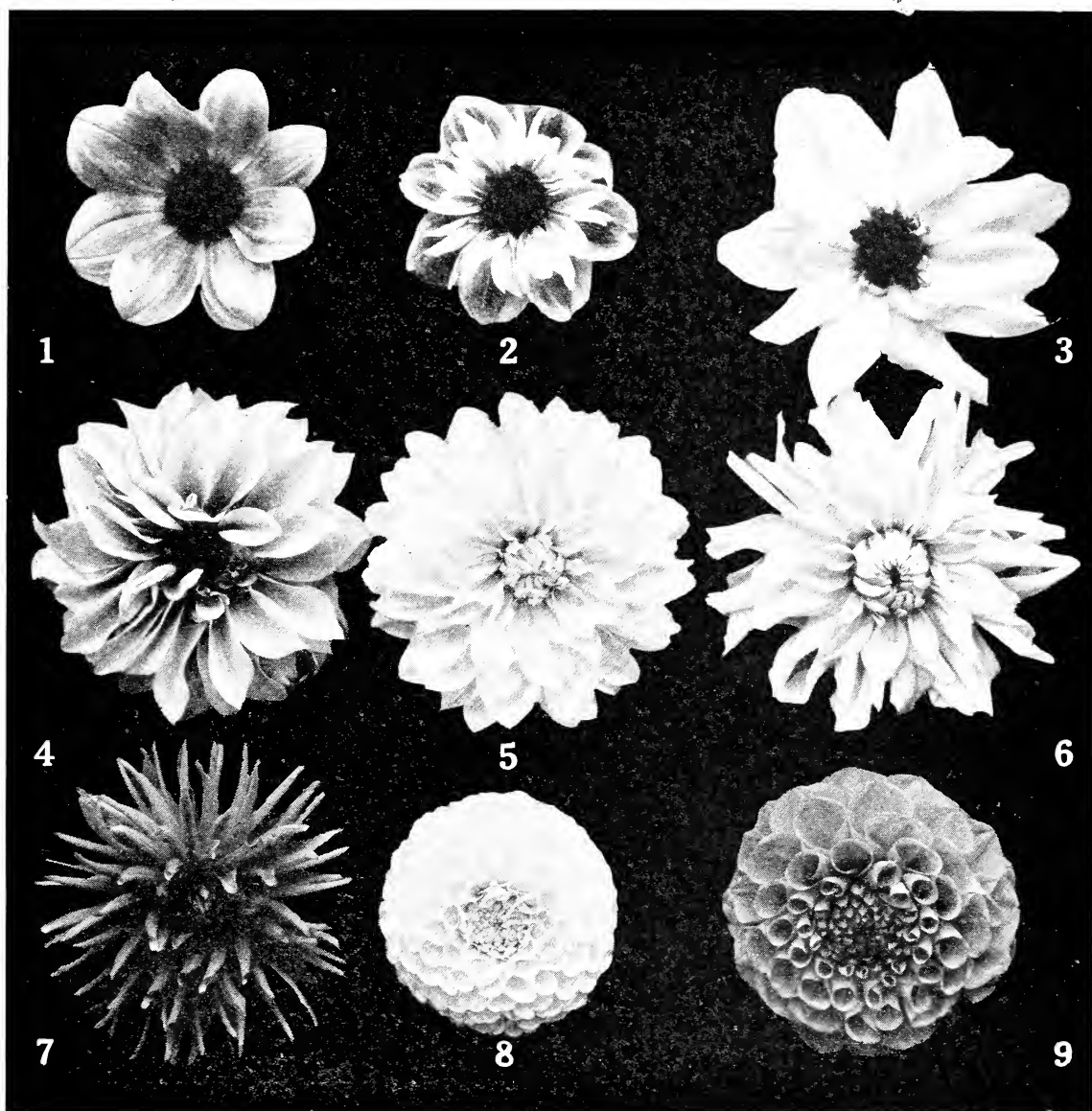
History of the Dahlia

The Dahlia is a native of Mexico, where it grew wild, and in its single form. Earliest history dates back to 1657, when it was called *Acoctli* by the Aztec Indians. Later the name was changed to *Georgiana*, after Professor Georgi of St. Petersburg, which name is still used in some of the foreign catalogs. It was again changed to *Dahlia*, in honor of Dr. Andrew Dahl, a Swedish botanist.

The Dahlia was first cultivated in the Botanic Gardens, at Madrid, Spain, in 1789, and at about the same time was introduced into England by the Marchioness of Butte.

Dahlia Variabilis, from which most of the common or Show Dahlias have originated, was single in its wild state. The first double forms appeared in 1814 and were credited to M. Donkelaar of the Botanical Gardens at Belgium. The Pompon form appeared about 1858, followed by the Decorative the origin of which is not clearly defined, but probably dates back some 40 or 50 years. *Dahlia Juarezi*, the first of Cactus Dahlia, was discovered in Juxphaor, Mexico, in 1872, by J. T. Vanderberg, and named *Juarezi* in honor of President Jarez of Mexico. It was sent by Vanderberg to an English florist, who exhibited it in England in 1880.

Dahlia tubers or bulbs were used as a food in Mexico and at one time in France. It was attempted to introduce them into cultivation in all Europe as a food for either man or cattle, but the taste was found nauseous to European palates.



The Different Types of Dahlias

- 1 Single
- 4 Peony-flowered
- 7 Cactus, fluted type

- 2 Collarette
- 5 Decorative
- 8 Show

- 3 Duplex
- 6 Hybrid Cactus
- 9 Hybrid Show

The Culture of the Dahlia

Success Will Follow If You Observe These Instructions

LOCATION. The Dahlia is not as particular as most of our flowers, and will succeed under a great many adverse conditions. There are, however, certain locations where Dahlias seem to outdo themselves. An open sunny location seems to favor them at all times. Dahlias do well on high and low lands, on hillsides or perfectly level land, giving good results in each location.

I find Dahlias are particularly adapted for seashore use, and not only do well, but thrive, for the reason of the moisture, and principally the heavy dews which collect during the nights.

I also find that many varieties do well in partial shade, producing fully as good flowers as they do in the hot sun, especially for exhibition purposes.

Dahlias will grow and do equally well in any kind of soil. I have sand, gravel, heavy and light loam, low land and hills, and find very little difference, as far as the number of flowers is concerned,

the only difference being that in sand and gravel they form a short, sturdy, compact plant, and in heavy loam and low land they grow tall and rank, blossoming about a week later than those planted at the same time in sandy soil.

PREPARATION.—The soil should be thoroughly cultivated; ploughed or spaded 8 to 10 inches deep, well pulverized and thoroughly worked over, thus affording an opportunity for rapid expansion, and making an easy path for the tiny rootlets. To secure exceptional results, have your soil ploughed or spaded in the Fall or as early as practicable in the Spring; then just before planting have soil thoroughly ploughed or spaded again.

FERTILIZER. Fertilization is one of the most important factors, to be successful with Dahlias. We all know that a growing plant, the Dahlia for instance, requires and takes from the soil certain properties; and in order to keep the soil in correct proportion, the materials the Dahlia takes from the soil must be restored. This must be done by fertilization. You can use dressing (either horse, cow, sheep or hen), or chemicals, or any commercial fertilizer rich in nitrogen, potash and phosphoric acid. Fish and potash, acid phosphate in the form of bone flour, or sulphate of potash, are also very effective. My system of fertilization—every other Fall I give my land a top-dressing of stable manure, ploughing under and alternate with lime, using this as a top-dressing.

The manure restores the properties necessary, and makes the soil light and mellow, keeps it from being heavy and caking, while lime has the same tendency and keeps the soil sweet. When planting in the Spring I use commercial fertilizers exclusively (a complete potato fertilizer and ground bonemeal in equal proportions). Every fourth or fifth year I make a Fall planting of Winter rye, then turn under in the Spring, planting the bulbs with commercial fertilizers.

An application of manure (either in liquid or ordinary form), several times throughout the growing season proves very beneficial, furnishing new material for the growing plants and insuring you the very best results.

At the time of planting, two liberal handfuls of fertilizer around the individual tubers would be what I would recommend. After the plants attain a height of three feet, either a handful of fertilizer or any other dressing or manure should be used, and when hoeing, it should be hoed in around the plants. After the plants commence to bloom, it is always well to use fertilizer or dressing around the top of the plants, broadcast on the ground, so that the rains will carry it down to the roots. If applied every three weeks, it will prove very beneficial, although not absolutely necessary, as the fertilizer used when planting would be sufficient to carry the plants through. However, it helps your plants to produce larger and better quality flowers, giving them nourishment at the time they require it most.

In applying the fertilizer, it is best to sprinkle it around the tuber, two, three or four inches from where the sprout will come through, but every precaution should be taken to be sure it does not fall where the sprout will come in contact with it, when it pushes its way through the ground, as fertilizer will burn the sprout. It's better to have it a trifle farther away, as the roots will find the fertilizer.

TIME OF PLANTING. The time for planting Dahlias varies according to the locality; whether your spot is sheltered or open, early or lateness of the season, and the times when the general crop of flowers is desired. Dahlias can be planted any time after danger of frost is over, and under ordinary conditions will blossom in from 6 to 8 weeks after they have been planted. It is always best to wait until the ground becomes thoroughly warmed.

PLANTING. Plant bulbs in hills or drills, laying flat down, 6 inches deep. Do not stand the bulb on end. If you stand the bulb on end, having the sprout near the top of the ground, all the new bulbs which form will grow near the top of the ground and when you have a dry spell your plant become stunted, whereas, if the bulbs were planted flat down 6 inches deep, no matter how dry the season, the bulbs would receive sufficient moisture to keep them growing. If planting with manure cover manure an inch or so before planting bulbs; fertilizer should be thoroughly worked into the soil. Either fertilizer or manure will burn the sprout; be sure to cover with soil.

By planting the bulb first, then covering an inch or so with soil and applying your fertilizer or manure, your plant receives the entire benefit of the dressing. The dressing is above the bulb and every rain carries the food down to the roots, whereas, if your dressing is below the bulb, each rain takes your dressing further away from your plant.

Summary. Plant bulb 6 inches deep, flat down, having sprout or eye facing upward; cover with soil an inch or so, applying dressing, and cover in level.

CULTIVATION. Cultivation is the principal requirement of the Dahlia—the most important of all operations to insure success. Keep the soil well cultivated and free from weeds; never allow the soil to crust.

CARE OF PLANTS. Give thorough cultivation, deep at first and continued once a week until the plants commence to flower. After they commence to blossom do not cultivate, as then is the time the new roots are forming and you are apt to cut off the new tubers, weakening the growth of the plant. Do not fail to stir the soil after each rain, keeping the soil from forming a crust on the surface, or baking, and conserving the moisture in the soil, thus avoiding the necessity of watering.

As the shoot or plant commences to show itself above the ground, care should be taken at this time for the prevention of cutworms and other pests that destroy the young shoots; I recommend Vermine, Arsenate of Lead, Cut-worm Killer or Tobacco Dust, as best preventives for these pests.

As soon as the plants attain a height of 8 to 10 inches it is time to commence to "train" your plants.

There are three systems from which you must choose; The Staking System, the Branching Method and the Massing System.

The Staking System is the most popular, many amateurs finding it the most successful. Dahlias under this system should be planted from 2 to 4 feet apart, according to the amount of space you have to devote—the larger, the more robust the plants. Stakes should be set when the Dahlia

is planted. As soon as plants attain a height of 2 to 3 feet they should be secured to the stakes, thus protecting them and preventing the brittle stalks from being blown over or getting broken.

The Branching Method. This system is advocated by many professionals and does away with staking. Plant in hills or rows from 18 to 30 inches apart. When your plant has two sets of leaves, pinch off or cut out the whole top of the plant; at each leaf a branch will start, thus making four branches one at each leaf. Do not pinch off your plant more than once, as this system makes your plants two weeks later in flowering; but you receive four flower stalks, each of which will blossom equal to the one stalk which you would have received had you left your plants growing without pinching. When the plant is grown it will have a short, strong, single stalk, which comes only an inch or two above the ground, with four branches of flowering stalks. The plant is short and has a neat branching appearance; the branches are self-supporting and are not easily blown over by the wind.

The Massing System. This is the system I use in planting my immense fields—avoiding the extra labor and expense of staking, the woody effect of stakes and giving a solid mass of foliage and flowers, more beautiful and effective than where Nature's beauty is broken at each interval with a stake. Plant bulbs in rows from 10 inches to 2 feet apart according to the amount of space you have to devote. The plants are self-supporting, each plant supporting and protecting the others.

At the height of 18 inches spray occasionally with Arsenate of Lead, "Black Leaf 40," Bordeaux Mixture, Hellebore, Pyrox, Slug Shot, Whale Oil solution or other first-class solutions to kill and keep away the aphid or green fly, which often infests Dahlias.

Both wood ashes and lime are good at all times, improving the condition of the soil and are effective as preventives against insect pests.

To obtain the largest and most perfect flowers, only the best and largest buds should be allowed to mature; the others being taken off, enabling the full strength to develop those into exhibition blooms.

DISBUDDING. Some varieties of Dahlias require thinning and disbudding to produce the best flowers. Varieties having an excessive amount of foliage and small growth should have a considerable part of their branches removed, while those having more buds than can be properly developed or matured should be disbudded. The operation in no way endangers the plants and anyone can do it. Thin and disbud if necessary, moderately or severely as conditions seem to require.

Taking a budded stalk or branch, you will note the large or first bud on the stalk, and also, that at each leaf all the way down the stalk new shoots or budstalks form; these in turn produce buds and flowering stalks, which over-top the first bud. The first bud on every stalk is always the largest and produces the largest and best flower, ordinarily. Before the first flower is in full blossom, the first two side shoots have formed buds and burst into flowers. These in turn become passe, to be replaced by flowering shoots from the set next below, or the second pair of side shoots.

On most varieties the first flower has a short, stiff stem; we disbud to lengthen the stem and to secure larger flowers.

The Proper Way to Disbud: When the first bud is small the first set of side shoots should be removed with a sharp knife. This forces all the plant life that under ordinary conditions would have

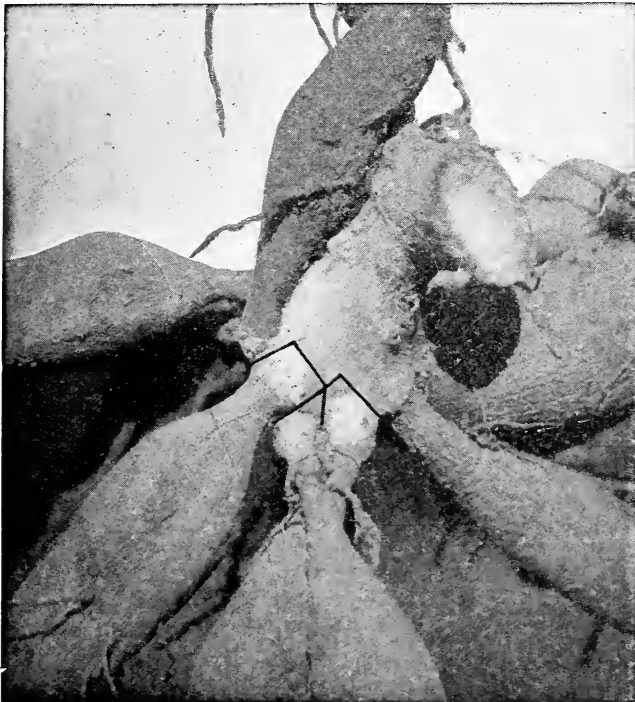
developed the first two side shoots, into the first bud, making the first flower much larger and giving it a good long stem. Removing the first set of shoots also forces ahead the second set and they in turn burst into flower.

As you cut and remove your flowers, your plant sends forth new flowering stalks from the bottom of the plant; the more flowers you cut, the more will grow.

Disbudding is more generally used for flowers for exhibition purposes. When wishing the largest flower possible, for exhibition purposes, you can disbud every side shoot down the entire length of your stalk, forcing all plant life into the one flower, thus growing one flower of gigantic size; this disbudding in addition to forcing with manure (taken up under forcing) insures you much greater success at exhibitions.

Anyone can grow Dahlias of exhibition quality if they will digest these remarks, study plant requirements and then act accordingly.

After your plant has been blossoming continually and flowers commence to grow smaller, then is the logical and proper time to fertilize. Apply any good fertilizer broadcast, or any kind of manure available, but it is better to make two moderate applications than too much at one time.



Dahlia Clump, Showing Proper Method of Dividing.

Black lines show where you should cut with knife.

FORCING. To produce the finest flowers for exhibition purposes use staking system. Plant 3 to 5 feet apart, using a liberal amount of manure or fertilizer; cultivate frequently; apply fertilizer or manure, broadcast or liquidform, at each or every other hoeing and disbud. Nitrate of soda proves very effective for forcing. Apply in liquid or crystal form when plants are in bud; make applications often, but donot use too much at a time. Nitrate of soda is very powerful and if too much is used it will burn up your plants or force them to such an over-growth that the roots will decay during the Winter. Apply nitrate of soda in crystal form on top of the ground, or in liquid form, using one tablespoonful of nitrate of soda crystals to a gallon of water, using sprayer or watering can.

When the flower buds appear, only one bud should be allowed to come to maturity, enabling each branch to produce one exceptionally fine, perfect flower. The flowers, for quality, must not be allowed to receive the drenching rains or scalding sun when nearing full bloom and should be protected from such.

It is always advisable to cut flowers that are to be exhibited as late as possible at night when the dew is on them, placing them in water and keeping them as cool as possible over night, thereby enabling them to withstand handling, packing and transportation.

WATERING. The amount of watering depends largely upon the locality and amount of rainfall. In regions where the rainfall is scanty and where sprinkling and irrigation must be regularly practised, Dahlias should be watered more frequently than in localities where there is abundant rain. Watering is very beneficial, adding perfection to blossoms and richness to color, but do it judiciously. A thorough soaking, with the soil stirred the following day is excellent; but a constant surface sprinkling every day causes surface roots and soft growth. When you have continuous dry hot weather, I recommend that you water your Dahlias as often as you think it beneficial.

HARVESTING. The harvesting and packing for Winter is very important, upon which depends your future success. Should you lose your Dahlias during the Winter, you will be obliged to buy new ones in the Spring; therefore, these suggestions are important.

Dahlias should be harvested shortly after their foliage has been killed by frost. I find from experience that as soon as the frost kills the foliage, the strength of the stalk recedes into the bulbs. By digging two or three days after your plant has been killed by frost, your clumps are in a perfectly dormant condition, having no sprouts, keeping perfectly all Winter and sending forth sprouts in the Spring, which is the proper time.

Dahlias may be dug with fork, spade or plow. In digging or harvesting the clumps great care should be taken. Dig them and dig very carefully; do not pull them up. You have large clusters of bulbs; each bulb has a neck, which is the small portion between the bulb and where it joins the stalk. The clumps should be dug or lifted carefully, so as not to break the necks of the bulbs. If you crack, girdle or break the necks sometimes they will dry up, other times decay. However, when the clumps are divided, the bulbs with broken necks are weak and not as good and it requires longer for the bulbs to become established before they commence to grow after they are planted in the ground. After removing the clumps, shake gently to remove the soil that would naturally fall off. Cut off tops within two or three inches above tops of clumps, allowing them to be exposed to the sun and air for only an hour or two. Do not allow them to stay out two or three days to dry up, then wonder why they are withered and fail to sprout. Pack in a cool, frost-proof place where extremes of temperature may be avoided—a place having an average temperature of about 45 degrees. Do not cover or pack in any material or with any substance. Cork, sawdust, shavings, coal ashes, sand or earth, all hold and retain a dampness or moisture which is unnatural, making it too close, compact and damp, causing the clumps to start to mildew or decay. Would you pack your potatoes in any of the above? Simply pack clumps one on top of the other, placing each clump upside down. Undoubtedly you are aware that the Dahlia stalk is hollow and that this hollow contains a watery substance or acid. If you pack your clumps with the stalks up, the acid will flow back into the crown of the clumps, causing decay, whereas, if you turn your clumps upside down the acid must flow out, and clumps will remain in a perfectly dormant condition. Pack clumps upside down in boxes or barrels, packing one on top of the other. Dahlias in an old-fashioned cellar will keep first-class without any covering; in a cellar having a cement bottom or heat, the boxes or barrels should be lined with heavy paper and covered with paper or burlap. Covering with paper or burlap excludes the air and preserves a more even temperature. In heated places the circulation of air and heat causes the bulbs to shrivel and dry up; a covering of this kind prevents the roots from shrivelling.

DIVISION OF CLUMPS. Although I divide clumps all Winter, it is because of the number of clumps I have to divide; I recommend that the amateur wait until Spring before dividing. Dahlias keep during the Winter much better in clump form. In the Spring the clumps commence to send out sprouts which aid in dividing properly.

Take the Dahlia clump as it was harvested, with the portion of the original stalk from which the top was removed (same as shown in the accompanying illustration).

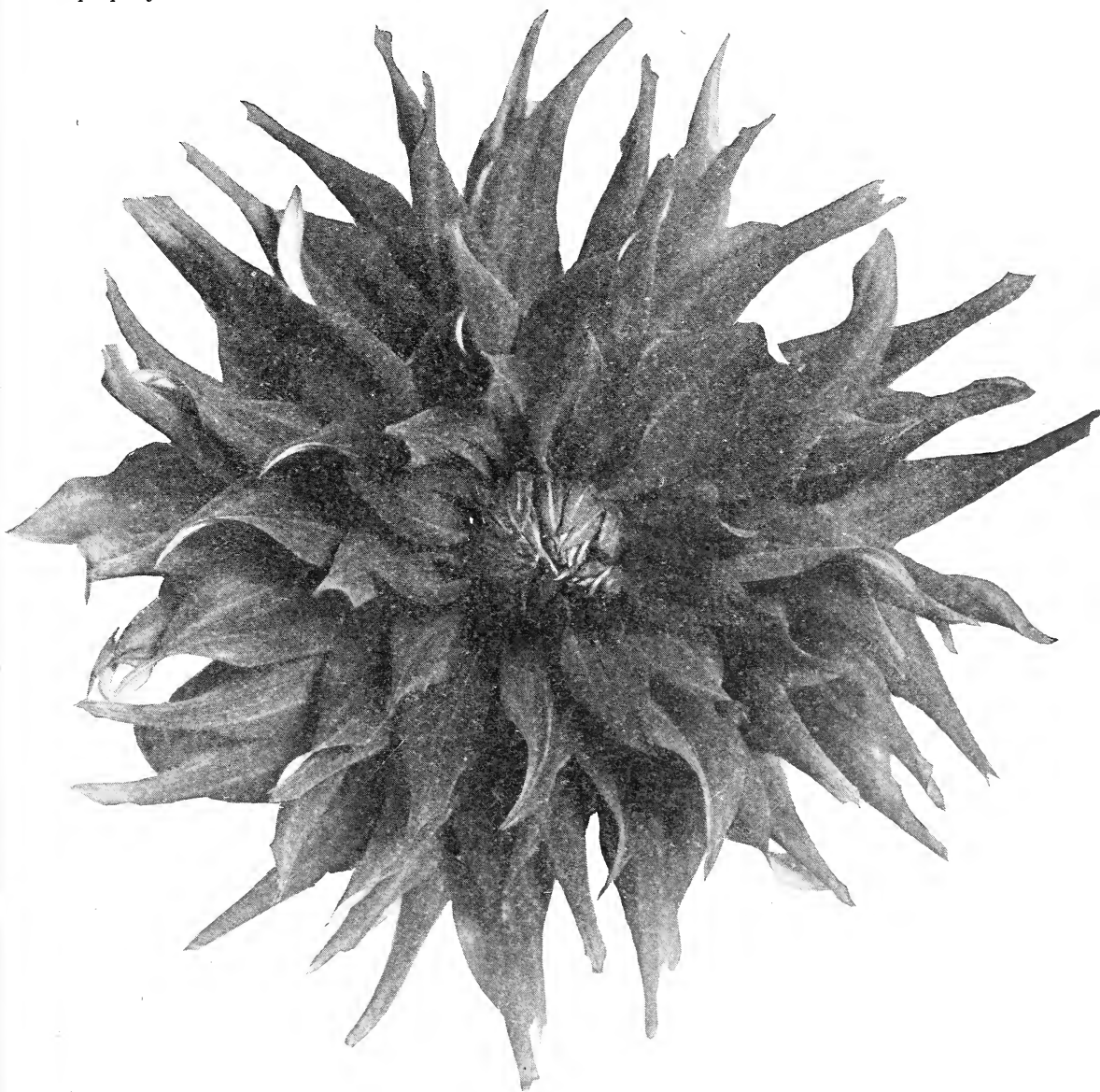
Upon examining the clump you will notice that the tubers formed at the base of the stalk, and that each tuber has a crown, neck and body. The crown being the bulging portion where it is connected with the clump, the neck the small portion between the crown and the body of the tuber. By examining carefully, small eyes or sprouts can be detected on the crown and stalk base. These eyes produce the new plants, so in separating, it is necessary that each tuber have an eye. Without an eye the tuber is absolutely worthless.

In separating a sharp knife should be used and great care taken. The best way is to remove each tuber individually but in cutting it is necessary that each tuber have a crown or a portion of the stalk, as it is upon this that all eyes grow.

First of all, select the tuber that you think can be most easily removed. With the point of your knife cut deeply into the base of the stalk (the black lines in the illustration showing place to cut) cutting so to leave an equal amount of the stalk-base for each tuber, and so that each tuber had its crown. By cutting deeply into the stalk-base on both sides, the tuber becomes separated from the clump, leaving a "V" shaped portion of the stalk-base as a crown or head, upon which the eye is found or will grow. The next tuber favorably located from the separating standpoint can then be chosen, and removed by again cutting the stalk-base, and so on until the stalk-base becomes the crown of each individual tuber.

SIZE OF BULBS. The size of the bulb or tuber does not in any way designate the size or quality of the flower. Some varieties of Dahlias always produce very small bulbs, while other varieties make large ones. Do not consider small bulbs worthless, for they are equally as good and in many cases better than large ones. Medium and small sized bulbs more often produce the finest and highest colored flowers, and in many cases the best and most effective plants. The only requisite of a Dahlia bulb is: be sure that your bulb has one or two eyes or sprouts, whether large or small, and with proper cultivation, success is generally assured. A clump, root, bulb, or division of a clump, potroot, cutting, sprout, and even a Dahlia seed, will grow and blossom, all equally well. It is not the size, but the care and cultivation—cultivation is the principal requirement of the Dahlia.

CONCLUSION. There are no set rules to follow invariably by all or even by any one grower year after year. In fact, each soil, location, climate or season, may call for different treatment. Study your plants; watch them as they develop; try all experiments along lines in harmony with nature's laws. Success with Dahlias is the same as with anything else; do everything in moderation; excess in any direction is unwise. In many locations conditions are so favorable that Dahlias grow to perfection with practically no attention. So it is with seasons—some years Dahlias do well the entire season, but there is no reason why Dahlias should not be grown successfully year after year. My methods of cultivation are simple and easily followed, the treatment and requirements are so simple, there is no reason why you should not be successful with your Dahlias. The Dahlia is one of the easiest plants to grow and will produce more flowers than any other plant in the garden if properly cared for.



TOM LUNDY. (See page 12. One-half size.)

Cactus Dahlias

The American Dahlia Society divides the Cactus group into two types: the true Fluted type and the Hybrid type. But in the following list I have made a further distinction, separating the Incurved from the Straight-petalled form. The shape of these two forms is so very different that I feel this distinction will be of great help to my customers in making their selections.

The Incurved type, of comparative recent introduction, has slightly quilled petal or florets, incurving in greater or less degree towards the center; the Straight-petalled type has quilled petals that are straight, or nearly so; the Hybrid type has broad, straight, slightly quilled and pointed petals. These three forms are indicated after the names in parenthesis.

New and Rare Cactus Dahlias for 1924

I will ship these Six New and Rare Cactus Dahlias for \$10.00 prepaid to any part of the world.

BERTRAM S. VARIAN. (Alexander.) (Incurved Cactus.) Named for and with the permission of Judge Bertram S. Varian of Weiser, Idaho. A very brilliant, deep scarlet of the moderately incurved form, of good size on long stems. This is one of the freest flowering Dahlias in my new list, and this fact combined with its brilliant coloring will make it especially conspicuous and attractive in any garden. **\$1.00 each.**

BOWEN TUFTS. (Alexander.) (Incurved Cactus.) The flowers are of gigantic size, being a bright capucine orange blending to a bright golden orange in the center with yellow reflex. Very stately, good stems. **\$2.00 each.**

CALIFORNIA ENCHANTRESS. (Bessie Boston.) (Hybrid Cactus.) A new California creation. Flowers of very delicate blush; buds open a creamy white, changing to a soft rosy tint as the flowers develop. Flowers produced on long stiff stems in abundance making it a good cut-flower variety. It does well in warm climates. **\$2.00 each.**

HELEN DURNBAUGH. (Broomall.) (Hybrid Cactus.) One of the most beautiful of the pink and white varieties. Serrated or notched petals add greatly to its beauty. The stems are stiff and of good length making it very desirable for cutting. **\$2.00 each.**

MRS. W. E. ESTES. A very large, pure white, of the finest quality, held on stems that are long and stiff. A prolific and continuous bloomer. Absolutely one of the best whites of its class. **\$2.00 each.**

MARGARET E. MILLIS. (Hybrid.) (Millis.) A wonderful bloomer on good stems. The coloring is amaranth-pink combined with white in a streaked effect. The flowers are very deep and large with petals inclined to twist. This variety shows up in the field in a manner that makes it very conspicuous and attractive and I can recommend it highly. **\$2.00 each.**

General List of Superb Cactus Dahlias

This collection of 29 Cactus Dahlias prepaid for \$12.00.

(The three types of Cactus Dahlias are designated by the words Straight, Incurved and Hybrid, after the name.)

AMBASSADOR (Straight). Pure white. A flower of the finest quality. Long, stiff stems. **35 cents each.**

ATTRACTION (Hornsfield.) (Hybrid Cactus.) Large elegant, full flower, of a clear, lilac-rose. The habit is perfect, with long strong stems holding the bloom stiff and upright. A very attractive variety. **75 cents each.**

BIANCA (Hybrid.) (See illustration.) A new Cactus Dahlia of large size and splendid form. Coloring is beautiful rose-lilac with white shadings and bloom is held perfectly erect on strong, stiff stems. Free-flowering. One of the most satisfactory garden varieties, and one I can highly recommend. An early and continuous bloomer. **\$1.00 each.**

DREADNAUGHT. (Hybrid.) The color is a glowing crimson, deepening to maroon in the center. **25 cents each.**

EARL OF PEMBROKE (Hybrid). Bright plum color; large, bold flower. **25 cents each.**

ETENDARD DE LYON. (Rivoire.) Hybrid Cactus of unique coloring and large size. The color is a trifle darker than rhodamine purple, described by some as carmine-rose. The flower is held on fine, stiff stems. **75 cents each.**

EUREKA (Burrell). (Straight). This variety has all the good qualities of the Dahlia, being properly named. Color very deep purple. Petals are long, straight and tightly quilled. **25 cents each.**

GEN. J. B. SETH. Rich brilliant scarlet with orange scarlet shadings. **50 cents each.**

GOLDEN GATE. (Hybrid.) A gigantic flower of deep orange-yellow, overlaid bronze. Very vigorous grower, producing flowers varying from 5 to 8 inches in diameter, upon strong, wiry stems well above the foliage. **35 cents each.**

H. H. THOMAS. (Stredwick.) (Incurved.) The flowers are of beautiful formation, having long, incurving florets or petals. The color is a beautiful rich deep crimson. **50 cents each.**

IGNEA. (Moderately Incurved.) Bright crimson-scarlet. A very large and distinct variety. Perfect form. **50 cents each.**

J. H. JACKSON. (Vernon & Barnard.) (Straight). The finest black Cactus Dahlia in existence. An exceptionally satisfactory all-round Dahlia; one of the most prominent for garden decoration, superb as a cut-flower variety and equally good as an exhibition flower. Color, a perfectly gorgeous, deep velvety, blackish-maroon. Gigantic in size. Every Dahlia lover should grow this variety. **25 cents each.**

KRIEMHILDE (Hybrid). Color, flesh delicate pink, shading to white in the center; very late flowering. **25 cents each.**

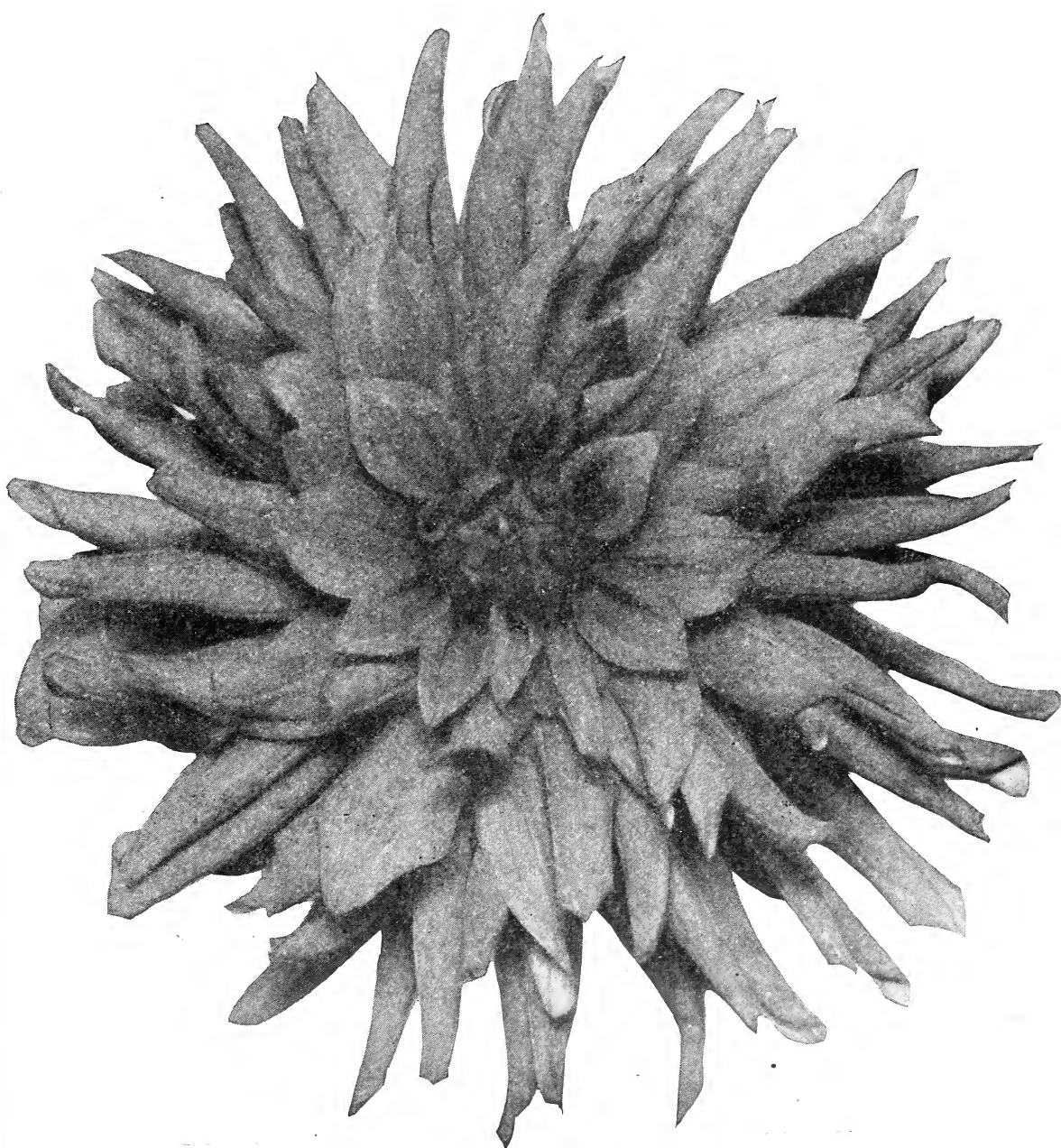
LAURANIA (Incurved). Orange, terra cotta and cinnamon; large, bold flowers of good incurved form. Plants quite robust; very free blooming, producing immense flowers. **35 cents each.**

LIBELLE (Straight). Clear, deep rose-purple. **25 cents each.**

MARGUERITE BOUCHON (Straight). One of the finest pink exhibition Dahlias to date. The color is a brilliant rose-pink with delicate white center. The flowers are large and borne on stiff stems, well above the foliage. **75 cents each.**

MARJORIE CASTLETON (Straight). The outer florets are pleasing shade of rose-pink, while the tips and central florets are cream white. **25 cents each.**

MME. HENRI CAYEUX (Cayeux). (Straight). A reliable exhibition variety. The flowers are of the largest size with long, narrow florets, forming a bloom of magnificent form. The color is a beautiful rich pink daintily tipped white. I highly recommend this variety as one of the best. **50 cents each.**



LIBELLE. (See page 10.)

CACTUS DAHLIAS—Continued

MR. SEAGRAVE. (Straight.) Deep purple. 25 cents each.

MRS. C. H. BRECK. A new Cactus Dahlia of exceptional merit. Color, creamy yellow passing to various shades of rose pink. 50 cents each.

MRS. FERDINAND JEFFRIES. The largest and best rich velvety maroon of the Hybrid type. The petals are broad, curled and twisted. A very free bloomer, large and massive. 50 cts. each.

PIERROT. (Stredwick.) (Incurved Cactus.) A unique and striking novelty in color, of unusual grace and refinement of form, being composed of very long, tubular narrow petals, which are of a deep amber or orange-buff color, occasionally showing white tips. It possesses an individual refinement different from all other sorts. A splendid garden variety and creates a furor wherever exhibited. \$1.00 each.

PERLE DE LYON (Hybrid). A pure white exhibition variety of great value. Petals fringed or nicked, giving unique appearance. 35 cents each.

REFEREE (Incurved). A clear, bright, yet soft terra cotta. The flowers are very large and produced freely. Much admired by all wherever exhibited. \$1.00 each.

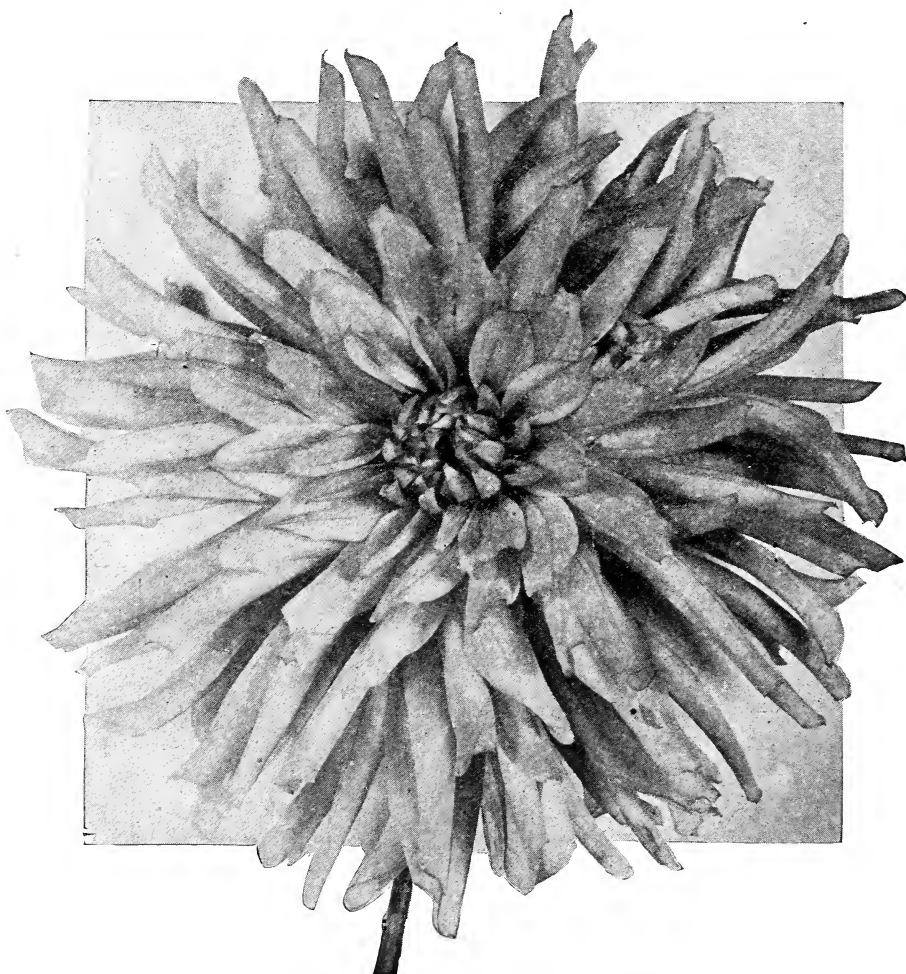
RENE CAYEUX (Straight). An exceptionally free-flowering variety. Flowers are of good size and are a beautiful ruby-crimson; are borne on long stems. Excellent for exhibition. 25 cts. each.

TOM LUNDY. (Fenton.) An introduction from California and one of the largest Hybrid Cactus Dahlias grown. Of a dark velvety red, the blooms are held on long, stiff stems. A sensational novelty. Price, \$1.00 each.

THOMAS CHALLIS (Incurved). A very rich tone of salmon-red or rosy-salmon. The florets are beautifully incurved and arranged with the utmost regularity. This variety can be recommended as one of the best for cut-flower purposes. 50 cents each.

STERN (Straight). Bright primrose-yellow. The flowers are large; petals long and pointed. One of the most satisfactory varieties. 25 cents each.

W. B. CHILDS (Hybrid Cactus.) A very reliable variety. Color a beautiful dark purple-maroon. Flowers extra large. 35 cents each.



HYBRID CACTUS DAHLIA—"BIANCA"

(For description see page 10.)

(One-half actual size.)



LATONA. (Three-quarters Actual Size, see page 14.)

Peony-Flowered Dahlias

The great development and present value of the Peony-flowered type is due to Mr. H. Hornsveld, an Orchid specialist of Baarn, Holland. After seven years of cross-hybridizing and developing (July, 1904) he was able to show the results at the meeting of the Dutch Horticultural Society at Rosendaal, where he exhibited four varieties, Queen Wilhelmina, Duke Henry, Baron G. de Grancy and Glory of Baarn. Here he received a first-class Certificate of Merit, and the admiration and encouragement of growers and Dahlia lovers. A still greater success was accorded him that same season at the International Exhibition at Dusseldorf, Germany, where he gained the highest awards. The horticultural world gathered at the Show was charmed by the elegant and artistic form, the strong stems, and the delicate colors of the flowers.

English and American Dahlia Specialists, seeing their value, immediately commenced experimenting, and to-day every up-to-date Dahlia specialist offers a collection.

The Peony-flowered Dahlias have exquisite semi-double flowers, with the conspicuous rich golden yellow center and loosely arranged petals. Many are large and fluffy, with long curling and twisting petals, giving them a certain fascination and artistic appearance that none of the other types possess. They are favorite garden and cut-flower Dahlias, producing their flowers abundantly and continuously. Their stems are long and graceful, and their blossoms remarkably effective in bouquets, hotel and house decorations, and in the garden.

Up-to-Date Varieties

I will ship this collection of 18 Up-to-date Peony-flowered Dahlias for \$20.00 prepaid.

AUORE. New Holland Peony-flowered Dahlia.

In this new importation I have secured the finest in this class in the Autumn tints. The flowers are of very large size, produced on long stiff stems, well above the foliage. In color, a very deep rich orange, a shade that attracted considerable attention at the Fall exhibitions. The plants are tall and sturdy, producing their blossoms abundantly. **75 cts. each.**

BERTHA PAULDING. (Alexander.) A very striking variety for the garden, growing five feet and over in height. The plant is strong and sturdy, producing a large number of blooms on long stems. The flowers are of an exquisite, deep, rose-pink, of good depth and with an open center. Altogether one of the best pinks of its type. **Price, \$1.00 each.**

BESSIE SEABURY. Alexander's New Peony-flowered Seedling. White very daintily overlaid a delicate mallow pink. An exceptionally free-flowering variety, of good habit, that produces its blossoms on good long stems. Named for and by permission of Mrs. William T. Seabury, North Weymouth, Mass., a great admirer of beautiful flowers. **75 cents each.**

BILLIONAIRE. (Stillman.) One of the largest in this class, and in great demand for exhibition purposes. The color is an attractive shade of old gold. **\$1.00 each.**

CLEOPATRA. (Marean.) Large flowers on good wiry stems. The color is a fine shade of yellow the reverse of the petals being a tangerine shade, the combination being especially attractive. Fine for garden decoration. **\$3.50 each.**

HELEN MCSHEFFERY. (Alexander.) An early and continuous bloomer that is very attractive because of its color combination, which is white heavily striped and splashed a purplish-red. Flowers produced on long graceful stems. **\$2.00 each.**

GRACE KIRSCHNER. Alexander's New Peony-flowered Seedling. White daintily overlaid cameo-pink. Its blossoms are very large, and exceptionally fine. One of the most delicate of this collection. Named expressly for and with permission of Mrs. Kirschner of Hamden, Connecticut, in appreciation of her admiration for Dahlias. **\$1.00 each.**

KATHINKA ANDERSEN. Alexander's New Peony-flowered Seedling. Named for one of my customers Kathinka Andersen of Castle Dale, Utah. A beautiful lemon-yellow, exquisitely overlaid pale amaranth pink. **\$1.00 each.**

LATONA. (Hornsveld.) New Holland Peony-flowered Dahlia. An unusual blending of orange, buff and yellow. Flowers are nearly full to the center, and produced freely, upon good stems. **\$1.00 each.**

MINA SEABURY. Alexander's New Peony-flowered Seedling. Named expressly for Mrs. Philip Seabury of Boston, Mass., who selected this variety from my collection of seedlings, as one of the

most beautiful; surely an attribute to Mrs. Seabury's good judgment of beautiful flowers. A very large flower, with long curling petals, that is destined to become a great favorite. In color, a sulphur yellow, very daintily overlaid mallow pink. **\$1.00 each.**

MISS BARBARA HAMMOND. Alexander's New Peony-flowered Seedling. An exquisite shade of silvery rosolane-pink, blending to clear pale lemon-yellow at the center. One of the most beautiful. A very tall growing plant, producing its blossoms upon long stems. **\$1.00 each.**

MISS LYMENA T. BAXTER. Alexander's New Peony-flowered Seedling. Named expressly for and with permission of Miss Lymena T. Baxter of Barnstable, Mass., in recognition of her great love for flowers. This new creation received an Honorable Mention at the September Dahlia Exhibition of the Massachusetts Horticultural Society; the highest award given to a seedling exhibited for the first time. The coloring is a very beautiful clear pale lemon-yellow. **\$3.00 each.**

MRS. NEWELL D. ATWOOD. Alexander's New Peony-flowered Seedling. A very tall, long-stemmed free-flowering variety. Its color is very rich and brilliant; a gorgeous deep crimson-red. Its plants are very strong, sturdy growers, and it promises to become one of the most popular. Named in honor of Mrs. Newell D. Atwood of Ossamequin Pines and Boston, Mass., a great admirer of beautiful flowers. **\$1.00 each.**

OSSAMEQUIN. Alexander's New Peony-flowered Seedling. Pale lemon-yellow, heavily striped and splashed carmine-red. Free-flowering, and with good stems. **\$1.00 each.**

SALVATOR (Hornsveld.) New Holland Peony-flowered Dahlia. Deep rose-pink blossoms, plants of medium height, and edges of petals are of a curling nature, giving the flower an entirely original appearance. **50 cents each.**

SARA W. ASHENDEN. Alexander's New Peony-flowered Seedling. A most beautiful shade of rhodamine purple. Flowers borne upon long strong stems, well above the foliage, and for vases and house decoration are especially good, lasting long after cut. This new seedling was greatly admired by Mrs. Ashenden when first exhibited and was named in her honor. **\$1.00 each.**

WAMPUM. Alexander's New Peony-flowered Seedling. Pale barium-yellow, heavily striped and splashed crimson-scarlet. Long stems and very free-flowering. **\$1.00 each.**

U. S. A. (Stillman.) Few Dahlias have met with such popularity as this introduction of Mr. Stillman's. He catalogs it in the Hybrid Cactus class but it seems to me to be more of a Peony-flowered Dahlia. The color is a glistening, deep orange, not at all common in Dahlias, with excellent stems and is good for all purposes. **\$3.00 each.**



BESSIE SEABURY. (Three-quarters Actual Size. See page 14.)

General List of Select Standard Peony-Flowered Dahlias

A collection of the choicest Standard Peony-flowered Dahlias in existence; introductions from all over the world. **I will send this Phenomenal Collection of 15 Fashionable Peony-flowered Dahlias prepaid for \$6.00.**

CAECILIA (Hornsveld). **Gigantic Holland Peony-flowered Dahlia.** A magnificent flower of great individuality; one that will give perfect satisfaction. A wonderfully large creamy-white flower. **35 cents each.**

EUGENE BURGLE. (Burgle.) An improved seedling from the famous Mina Burgle. A rich, dark red in color, the blooms are of immense size and perfect form. The strong, luxuriant plants grow to a height of six feet, and hold the flowers erect and prominent. **75 cents each.**

FRAULEIN BUDDE. (Hornsveld.) **Beautiful Holland Peony-flowered Dahlia.** A charming soft, mauve-violet with an exquisite golden-yellow center, which combines to make the flowers most beautiful. Award of Merit. **50 cents each.**

HORTULANUS BUDDE. (Hornsveld.) **Gorgeous Holland Peony-flowered Dahlia.** A bright scarlet of splendid habit. Award of Merit. **25 cents each.**

MARIE STUDHOLME. (Ware.) Delicate, bright mauve-pink, shaded with a glistening ivory sheen. This beautiful combination of colors gives the appearance of a lavender-pink. The flowers are of very original form, petals being very gracefully curved and twisted. **35 cents each.**

MME. VAN BYSTEIN. (Hornsveld.) A very distinct and new shade, lilac-blue throughout. Plants tall and sturdy, holding blooms well above the foliage. Large and fine. An early and abundant bloomer that I highly recommend. **50 cents each.**

MRS. BOWEN TUFTS. **Alexander's Gigantic Peony-flowered Seedling.** Named expressly for and by permission of Mrs. Bowen Tufts of Boston and Allerton, Mass., in recognition of her admiration for the beautiful. This creation is the finest of my new Peony-flowered Dahlias, having gigantic, deep rosy-purple blossoms, which are produced well above the foliage upon long, graceful stems. The habit of the plant is excellent, flower stems being long and the bushes tall and exceptionally sturdy. **25 cents each.**

MRS. GEORGE GORDON. (Ware.) A delicate creamy-white flower of large size. **25 cents each.**

MRS. JACQUES FUTRELLE. (Alexander.) **Up-to-date Peony-flowered Seedling.** Flowers of medium size, but very attractive. An exquisite lemon-yellow, heavily splashed scarlet. Very free-flowering. **25 cents each.**

MRS. M. W. CROWELL. (Alexander.) A remarkably sturdy variety of perfect habit. Color, a beautiful orange-yellow. Very free-flowering. **25 cents each.**

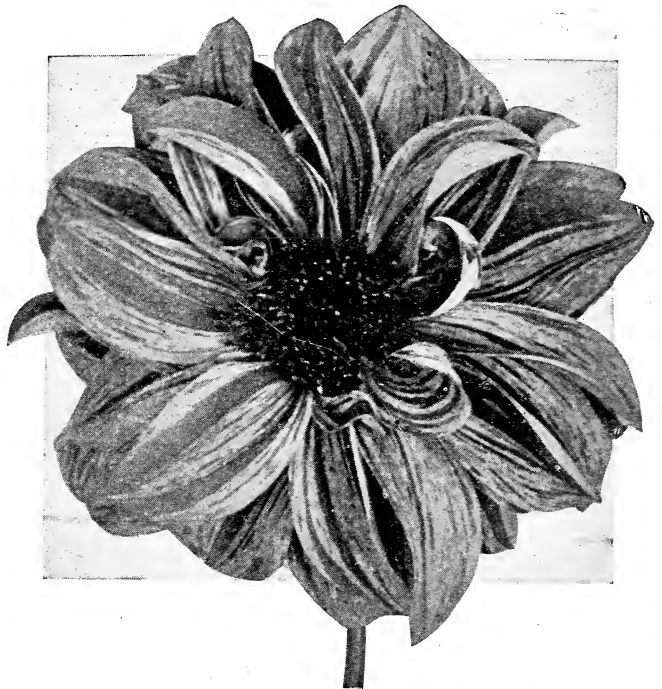
NEWPORT DANDY. A lilac-pink of the most delicate shade. The yellow center is open with the inner petals curling and twisting over it. A large size flower and a very profuse bloomer. **\$1.00 each.**

QUEEN WILHELMINA. (Hornsveld.) **Giant Holland Peony-flowered Dahlia.** Largest and finest of the pure white sorts; excellent for decorative work and unsurpassed as a cut flower. Blossoms produced upon long, graceful stems, well above the foliage. An immense, fluffy flower of pure glistening white, showing its beautiful golden-yellow center very prominently, which lends an additional charm to this most beautiful flower. **50 cents each.**

ROCHESTER. (Alexander.) **Superb Peony-flowered Seedling.** Color, a gorgeous crimson-maroon, effectively striped and splashed pure white. A beautiful flower of most original form, every petal twisted, making a gay contrast with the beautiful golden yellow center, characteristic of the Peony-flowered type. **50 cents each.**

VIRGINIA MARSHALL. (Alexander.) A very beautiful and delicate new variety. In shape and form the flowers are perfectly original; the petals are very long and "Geisha"-like, being beautifully quilled and twisted. The blossoms are an exceptionally dainty primrose-yellow, faintly overlaid a delicate rose-lilac shade. **50 cents each.**

Zeppelin. (Hornsveld.) **Holland Peony-flowered Dahlia.** The incomparable delicacy of this variety has excited great comment. The color is the most beautiful shade of mauve—a very fascinating color. The perfection in form of this variety is one of its greatest features. Award of Merit. Very abundant flowering. **50 cents each.**



New Peony-flowered Dahlia—"Ossamequin." \$1.00 each.
One-half actual size. (For description see page 14)

Peony-Flowered Dahlia Seed

I have selected and reserved more hand-pollinized Peony-Flowered Dahlia Seed than I will require for my own planting, and can supply a limited number of packets of this seed. If the best Peony-Flowered Seed I can offer, being personally selected from my largest and best varieties and a portion of what I am to plant in my own trial garden. I highly recommend this seed. **\$1.00 per packet of 50 seeds, or 50c. per packet of 25 seeds.**

Duplex Dahlias

This is a much needed classification of a favorite type of Dahlias, now listed by some as Peony-flowered Dahlias and by others as singles. The flowers are semi-double, with center almost exposed at the opening of the bud, with petals in more than one row, more than twelve petals, and not over three rows. Petals are long or flat, or broad and rounded, not noticeably twisted and curled. They are very free-flowering, being ideal for cut-flowers.

General List of Duplex Dahlias

This collection of 5 Duplex Dahlias for \$2.00 prepaid.

ELLEN E. KELLEY. (Alexander.) New Duplex Seedling. A long-stemmed free-flowering golden-yellow variety that attracted considerable attention in my gardens this past season, being admired by many, and named for one of my customers, in recognition of her great love for beautiful flowers. This variety is highly recommended having all the good qualities of the Dahlia. **50 cents each.**

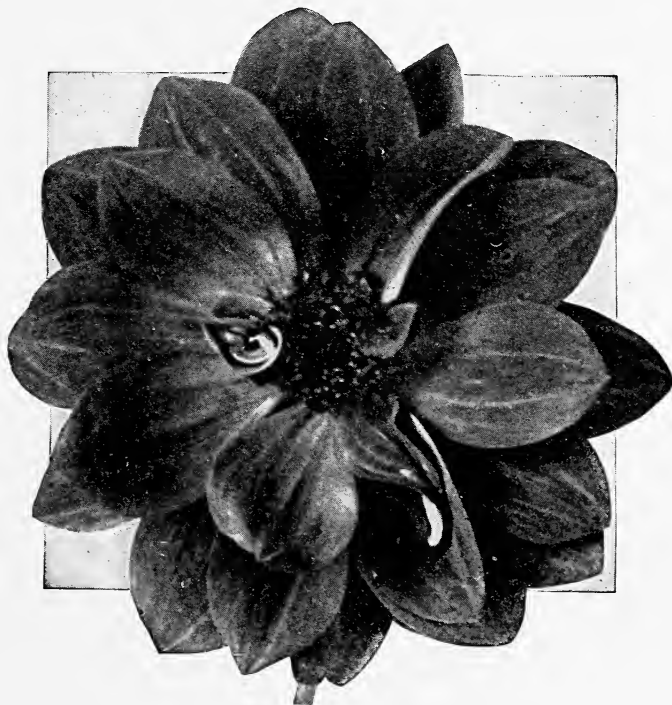
IMPROVED GERMANIA. (Alexander.) New Duplex Seedling. (See illustration on this page.) A rich deep scarlet-red, very brilliant and showy. Plants grow dwarf and bushy, making ideal specimens; and producing their blossoms early and abundantly. Highly recommended. **75 cents each.**

MARY HOUGHTON. (Alexander.) New Fragrant Duplex Dahlia. This introduction has a delicate but well defined pond-lily fragrance. The

petals are of the Cactus-Peony type, being long, narrow and pointed at the tip. The plants are of excellent habit and bloom freely. The color is a light mallow-purple with a ring of waxy cadmium-yellow around the golden-yellow centre, the reverse of petals being a beautiful rhodamine-purple. A most remarkable novelty. **75 cents each.**

OSCEOLA. (Alexander.) New Seedling. The plants are tall and sturdy growers, producing their blossoms on long stems. In color, a bright carmine, with a ring of golden-yellow at the center. **25 cents each.**

PHENOMENE. Beautiful French Duplex Dahlia. A very effective and novel variety, having beautiful Cactus-shaped florets. The color is an exquisite salmon shade, suffused light amber. **25 cents each.**



Duplex Dahlia—"Improved Germania."

One-half actual size. **75 cents each.**

(For description see this page.)



GENERAL APPLETON has all the characteristics of a first-class Dahlia and is without doubt one of the finest in its class and color. See page 19.

Decorative Dahlias

The Decorative Dahlia is the pride of all Dahlias, standing out pre-eminently. In the garden the plants are strong, sturdy, vigorous growers, with heavy, dark green foliage and a remarkable constitution. The blossoms are produced in great profusion, which is exceptional for a type of giant-flowering Dahlias. For cut-flower purposes they are unsurpassed, having long, straight stems of wiry stiffness, and producing their flowers in a pleasing upright manner; then principally their lasting qualities when cut—they are unequalled, lasting longer than any of the other types. As an exhibition flower the Decorative Dahlia is the most gigantic of all Dahlia blossoms having beauty, substance, quality—all essential characteristics of a true "Model of Perfection." As a decorative flower they are first in every respect; being graceful, adapted to designs, and most artistic.

The blossoms of the Decorative Dahlias are large, flat, but beautiful in shape, and full to the center; the petals are somewhat irregularly situated, long, broad, flat and nearly straight.

This collection of 18 Gigantic New Decorative Dahlias prepaid for \$30.00. An unusually good collection, and one sure to give satisfaction.

Up-to-Date Varieties

This collection of 18 Gigantic New Decorative Dahlias prepaid for \$30.00. An unusually good collection, and one sure to give satisfaction.

CHESTER S. WOODMAN. (Alexander.) New Decorative Seedling. A gigantic flower of rich reddish purple. The plants are tall and sturdy, producing their blossoms on strong stiff stems, well above the foliage. Without doubt, the largest and best of its color. **\$2.00 each.**

DARLENE. (Alexander.) Delicate New Decorative Seedling. An exquisite shade of live shell-pink with a dainty blending of white at center. The plants make ideal specimens, averaging about 3 feet in height; a single plant making a very effective showing. For massing or hedging, "Darlene" is ideal. The foliage is a heavy, deep green, a perfect contrast with the pink-and-white blossoms. This variety is one of the most satisfactory garden varieties we are offering, the plants being literally covered with blossoms from early July until frost. The uniformity and perfection of the flowers show unusual qualities. Unquestionably the finest pink-and white Decorative Dahlia to date. **\$1.00 each.**

GEN. APPLETON. (Bemister.) Introduced in 1923 for the first time. A very large, perfectly clear yellow of the Hybrid Decorative type, the ends of the petals being slightly pointed. Fine, long stems and a very free bloomer. (See illustration on p. 18). **\$10.00 each.**

GEN. JOFFRE. (Rozain-Boucharlat.) The well-known French variety, pink, shaded white. **\$1.00 each.**

GEORGE H. CARR. An extraordinary large perfectly formed variety which will be particularly valuable to those who exhibit. The color is a peculiar shade of magenta shading lighter at tips. Free-flowering. **\$1.00 each.**

GLORY OF NEW HAVEN. (Slocombe.) A seedling from "Mildred Slocombe" this being large and more beautiful in color. A beautiful shade of pinkish mauve. The nearest to lavender to my knowledge in desirable Decorative Dahlias. Plants are tall robust growers and produce large flowers with remarkable freedom on long strong stems. Indispensable for exhibition purposes. **\$1.50 each.**

FRANCIS MARTIN. (Ela.) One of the most charming new Decoratives and one that will be sure to give perfect satisfaction. A white ground, overlaid lavender, the coloring is somewhat similar to the well-known W. W. Rawson, but the shade of lavender is darker. The stems are long and very stiff holding the large flower erect with ease. **50 cents each.**

MABEL B. TAFT. (Bessie Boston.) New California Decorative that can be highly recommended. It produces flowers of gigantic size on long stiff stems, well above the foliage. Winner of Gold Medal for best 50 blooms of any one Dahlia, proving its superior qualities. A beautiful yellow, suffused and blending to light salmon-orange or pinkish apricot; lighter in the center, shading deeper towards the outer petals. Flowers are produced early, continuously, and in abundance. They last well when cut, blending beautifully with the sunset colorings now so popular. **\$1.00 each.**

MILLIONAIRE. (Stillman.) Gold Medal Dahlia of daintiest colorings. Most delicate lavender with faint pink cast overshadowing it, the whole having a blending of white. One of the best known lavender pink Dahlias, an immense flower, that attracts considerable attention on the exhibition table. Plants are very dwarf, so it is not recommended as a cut-flower variety. Flowers from six to nine inches in diameter. Recommended for exhibition purposes. **\$1.50 each.**

MRS. CARL SALBACH. (Salbach.) A sensational Decorative Dahlia of great size, which is destined to become a favorite throughout the entire world. It is one of the largest California Dahlias. In color, a mauve pink, with occasional blendings of white; the general impression being pink. For exhibition purposes this new creation is very desirable it being a winner everywhere it has been exhibited. **\$2.00 each.**

MRS. ELLA CLINE. Alexander's New Decorative Seedling. A beautiful glistening pure white, with good stems, and a Dahlia that has proven an ideal all round variety. It is very free-flowering, and in blossoming qualities and purity of color, it is not surpassed by any white Decorative I have seen. **\$1.00 each.**

NANCY RANKIN. (Alexander.) A new seedling of my own and introduced now for the first time. The color is a pure white, but the reverse side of the outer row of petals is tinted a most delicate lavender-pink. It is one of the most free flowering varieties of my entire list, the plants appearing to be a mass of bloom. For cut flowers it will be found unsurpassed, keeping in perfect condition for days after being cut. **50 cents each.**

NOIR ALVAREZ. (Nonin.) A gigantic new variety which I can highly recommend. Color, a deep, velvety oxblood red. The plants make a sturdy, vigorous growth with long, stiff stems. A profuse bloomer. **\$2.00 each.**

PRIDE OF CALIFORNIA. (Lohrman.) Called the "American Beauty" Dahlia. Winner of Gold and Silver Medals. Huge crimson red flowers produced on long straight stems. **\$1.00 each.**

SNOWDRIFT. (Broomall.) A giant, clear white. The flower has good depth with broad, waxy petals of the true decorative type. **\$2.00 each.**

THE GRIZZLY. (Burns.) A prize winning California Dahlia. A dark maroon-red with stems three feet long. The flowers are large with reflexed petals and stand well above the foliage making a fine effect in the garden. **\$2.00 each.**

WM. H. SLOCOMBE. (Slocombe.) The largest and best pale yellow Decorative to my knowledge. A clear sulphur yellow passing to martinus yellow at tips. Flowers of gigantic size, from six to eight inches in diameter under ordinary conditions, and can be forced larger. **\$2.00 each.**

WORLD'S WONDER. (Stillman.) The color is a golden-salmon with a very large, deep, full flower on a rather dwarf growing plant. The stems are long and stiff. A profuse bloomer. **\$1.50 each.**

General List of Decorative Dahlias

I will ship this collection of 26 Decorative Dahlias, prepaid, for \$8.00.

- CLARABEL.** Color, rich, rosy purple. 25 cents each.
- CLIFFORD W. BRUTON.** A large canary-yellow. 25 cents each.
- DELICE.** The finest and brightest pink Decorative Dahlia in existence. Flowers are of good size, standing well above the foliage. A charming bright pink, suffused with lavender-pink. One of the best known cut-flower varieties in the Dahlia world. 35 cents each.
- DOLLY or SYLVIA.** White edged pink. 25 cents each.
- EASTON.** Not extra large, but a variety of brilliant color, good form and remarkably free-flowering habit. In color, a brilliant Turkish red. 35 cents each.
- ELSIE DAVIDSON.** A beautiful deep, golden-yellow, very large, and fine for cutting. 25 cents each.
- FRANK A. WALKER.** (See illustration page 31.) **Alexander's Decorative Seedling.** Expressly named for Mr. Frank A. Walker, of Stoneham, Mass., in compliment to his intense love of Dahlias. A charming shade of deep lavender-pink. For garden decoration or for cut flowers this variety is exceptionally good, having long stems and producing flowers in great abundance. This Dahlia should be in every garden. 35 cents each.
- FREDERICK SPITTEL.** Color, vermilion scarlet, often tipped white. 25 cents each.
- FREEDOM.** (Alexander.) One of my 1913 Seedling Decorative Dahlias and a variety which will give perfect satisfaction. The flowers are a beautiful deep crimson color and are produced with such ease and freedom that we chose "Freedom" as the most appropriate name. One of the earliest flowering. 50 cents.
- JACK ROSE.** (Peacock.) The identical shade of the rose with the same name. This variety is exceedingly free, carrying fairly large flowers on very erect stems in great abundance; flowers early, and during the hot weather the color is likely to burn somewhat. 25 cents each.
- JEANNE CHARMET.** (Charmet.) The flowers measure from 7 to 10 inches in diameter and are borne on stiff wiry stems frequently 18 to 24 inches long. The color is a most exquisite shade of lilac pink, daintily shading to pure white towards the center, with a tinge of light yellow at the margins. 50 cents each.
- JOHN R. BALDWIN.** A splendid variety. Color a beautiful salmon-red. 25 cents each.
- LE GRAND MANITOU.** (Rivoire.) The color of this superb variety is pure white artistically striped, splashed and blotched deep violet purple. The plants occasionally bear a solid purple-colored flower. The effect of these phenomenal flowers is most pleasing, giving this variety a supreme place in this class. 50 cents each.
- MADemoiselle MARIE HOSTE.** A fascinating shade of heliotrope, shaded white. 25 cents each.
- MADONNA.** A perfect wonder; its remarkable qualities being beautiful shape, excellent cut-flower variety, and one of the most satisfactory in the garden. The flowers are borne in a miraculous profusion, upon long graceful stems of wiry stiffness, making it one of the most desirable. In color a very beautiful white, very slightly tinted with a most delicate shade of lavender-pink. The form is perfectly original, each petal curling and twisting in a very pleasing manner. 50 cents each.
- MELODY.** (Peacock.) A clear canary-yellow, tipped white. High center with reflexed outer petals. A remarkably free bloomer. 25 cents each.
- MINA BURGLE.** (Burgle.) A seedling named and originated by Mr. Burgle, a California Dahlia lover. This new introduction is one of the finest varieties to date—a champion variety, producing flowers of gigantic size and remarkable beauty; the best in existence. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type and are borne upon long, wiry stems well above the foliage. Attracts universal attention. 50 cents each.
- MINOS.** Flowers are large and exceedingly beautiful, borne on long, graceful, wiry stems. The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. 25 cents each.
- MME. VAN DEN DAELE.** A grand Dahlia of highest Decorative type. Flowers are large and of fine form; produced upon exceptionally good stems, well above the foliage. As a cut-flower variety it is unsurpassed. The color is white, deeply edged live silvery-pink. A Dahlia which bears my highest recommendation. 50 cents each.
- ORA DOW.** A beautiful velvety maroon, effectively tipped white. Very strong, tall growing plants. 25 cents each.
- PRINCESS JULIANA.** (Hornsveld.) **Splendid Holland Decorative Dahlia.** It is perfect as an exhibition flower, ideal for garden decoration and unsurpassed for cutting. Holland Dahlia specialists claim this the finest white Decorative Dahlia for cut-flower purposes, and also the best flowering. Received the Holland Dahlia Society's First-Class Certificate. 35 cents each.
- PURPLE MANITOU.** (Rivoire.) Enormous flowers of a rich, clear, deep purple. Identical in shape, form and size to "Le Grand Manitou." The very finest purple Decorative Dahlia in existence. I cannot recommend this variety too highly. 35 cents each.
- PROGRESS.** A clear lavender, with stripes and blotches of soft crimson, through each petal. 25 cents each.
- QUEEN MARY.** (Peacock.). This is a stronger grower than Delice. A large flower with full, rounded center. The color is a soft shade of pink. 35 cents each.
- SOUVENIR DE GUSTAVE DOAZON.** (Buant.) This variety is a good comparison to the "Sunflower." It is the largest Dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower with heavy, dark, glossy green foliage and a remarkable constitution. Very long stems of pleasing, stiff-upright type. Should be in every garden. 35 cents each.
- WILHELM MILLER.** Very brilliant purple. This is a fine variety of the Decorative type. 25 cents each.

Hybrid Show or Colossal Dahlias

This type of Dahlia has characteristics of both the Decorative and Show types.

The flowers are fully double, broadly hemispherical to flatly globular in form, loosely built so spiral arrangement of florets is not immediately evident; floral rays broad, heavy, cupped or quilled, with rounded tips and involute margins.

I will ship the collection of 8 varieties prepaid for \$2.75.

AMERICAN BEAUTY. This champion Dahlia is a seedling from the well-known French variety, "Le Colosse," being almost identical in form, shape and size. The flowers are of gigantic size and are produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson. **35 cents each.**

CUBAN GIANT, or DR. J. P. KIRKLAND. Dark velvety crimson, large. Stems long and wiry. Plants are very tall and sturdy. **25 cents each.**

DREER'S WHITE. (Dreer.) An excellent Dahlia for garden effect and hedges; plants are very strong and vigorous, making ideal bushy specimens, averaging 3 feet in height. Color, a pure, glistening white; in form it resembles the popular "Grand Duke Alexis," while in freedom of flowering it is not surpassed by any. Unquestionably the most valuable snow-white variety in existence. **50 cents each.**

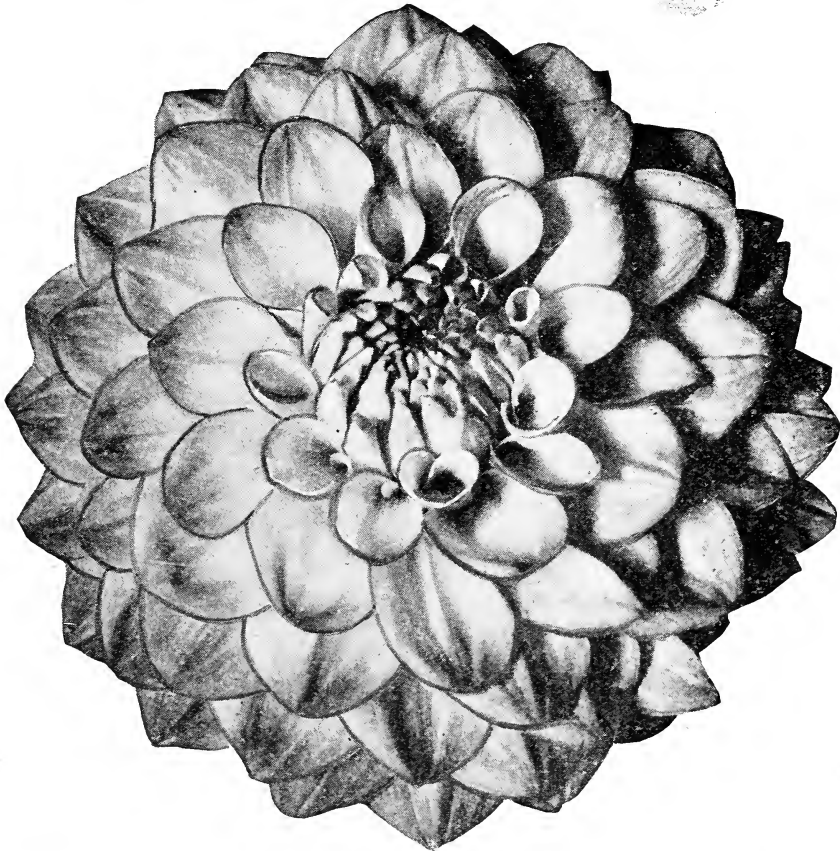
D. M. MOORE. (Wilmore.) In this offering we have one of the best "nearly black" varieties to date. It is a rich, deep, velvety Victoria-lake, which is a shade deeper than deep maroon, the nearest approach to black to my knowledge. A mammoth flower produced in profusion on long, stiff stems. **50 cents each.**

REGGIE. A Colossal Dahlia of beautiful cherry-red color. A variety that will give the best of satisfaction, producing flowers upon long stems, well above the foliage. Very free. **25 cents each.**

TILLAMOOK. A companion to that grand old Dahlia, Grand Duke Alexis, it differs in color, being a delicate blush, deepening at the tips to rose pink. Its pleasing color, combined with its large size and free blooming habit, will make this a prize winner. **35 cents each.**

W. W. RAWSON. (Johnson.) The popularity which this novelty has acquired speaks for itself for the superior quality of this flower. The petals toward the center are quilled similar to the "Grand Duke Alexis"; toward the outer part they are more open and flat. The color is pure white overlaid with amethyst-blue. This wonderful combination gives it the appearance of delicate lavender. The flowers measure from 7 to 9 inches in diameter. **50 cents each.**

YELLOW DUKE. A splendid primrose-yellow of good form. **35 cents each.**



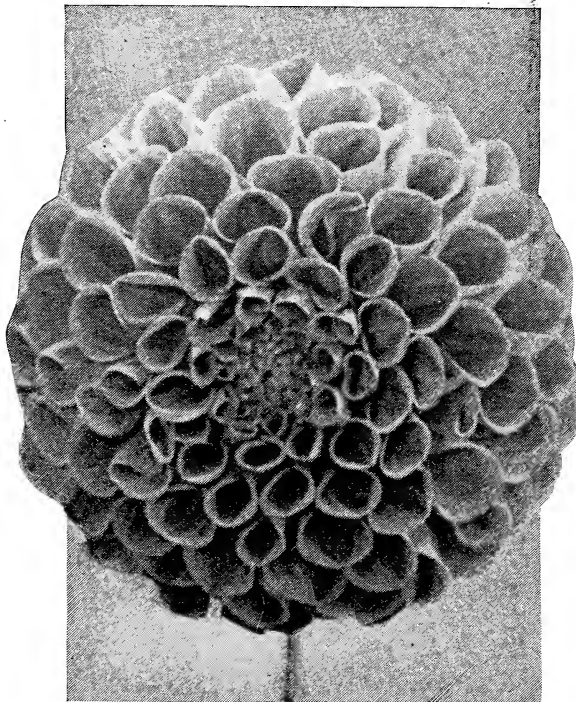
Type of Hybrid Show Dahlia

Show and Fancy Dahlias

This Grand Collection of Show and Fancy Dahlias includes introductions from all over the world as well as some of the choicest seedlings of my own introduction.

This type includes the globular or ball-shaped Dahlias, full to the center, showing regular arrangement of florets; floral rays more or less quilled or with markedly involute margins and rounded tips.

I will send this superb collection of 38 Giant-flowering Show Dahlias, prepaid for \$10.00.



Miss Helen Hollis. (For description see this page)
Show Dahlia 50 cents each.

A. D. LIVONI. Beautiful soft pink. Well formed flowers with long stems. Perfectly round, ball-shaped flowers, each petal being very tightly quilled and arranged in exact regularity. Free flowering. **35 cents each.**

ALICE EMILY. Orange-yellow. Large and fine. **25 cents each.**

ARABELLA. Sulphur-yellow, tipped pinkish-white. **25 cents each.**

AUGUS MEGAR. New Show Dahlia. The largest and finest lavender-purple Show Dahlia to my knowledge. Tall and sturdy. **\$1.00 each.**

DAVID WARFIELD. Beautiful deep cherry-red. A Dahlia of extra good habit, producing its mammoth flowers upon stiff, wiry stems, well above the foliage; a very desirable acquisition. **50 cents each.**

DIAMANT. Pure white. **25 cents each.**

DOROTHY PEACOCK. (Peacock.) The flowers are of good size, exquisite form, great substance; the color is that beautiful, clear, live pink that appeals to everyone. **50 cents each.**

GLADIATEUR. Clear violet, shaded blue. A splendid new exhibition variety. **25 cents each.**

GLOBE DE NANTES. Bright scarlet; a perfect model. **25 cents each.**

GOV. GUILD. Large; pure white; rather short stems. **35 cents each.**

HENRY GLASSCOCK. (Keynes.) Deep lilac, striped purple. **50 cents each.**

IMPERIAL. (Keynes.) Deep purplish maroon. **25 cents each.**

JAMES VICK. (Keynes.) Purple-crimson. **35 cents each.**

JOHN THORP. Pink, slightly tinged white at base. Good size. **25 cents each.**

LES AMOURS DE MADAME. Delicate pale rose, striped scarlet. A beautiful combination of color and universally admired. **50 cents each.**

LUCY FAUCETT. Pale yellow, striped deep pink or light magenta. One of the best of this set. Very large and free flowering. **35 cents each.**

LYDIA. An ideal flower; color, vermilion-scarlet. **25 cents each.**

M. AUGUSTA LEMAIRE. Pale yellow, heavily striped maroon. Very odd. Large. **25 cents each.**

MAUDE ADAMS. (Alexander.) **Ideal New Show Dahlia.** This wonderful introduction is unsurpassed in quality in every respect; in reality a model of perfection. I cannot speak too highly of this variety. The color is a pure snowy white, very effectively overlaid clear delicate pink. Undoubtedly one of the finest of the Show type. **50 cents each.**

MAYOR DUNN. New Show Dahlia. A beautiful clear scarlet flower of large size and good form. Remarkably free bloomer and very showy. A valuable addition to any garden. **35 cents each.**

MISS HELEN HOLLIS. (Alexander.) (See illustration, this page.) **Gigantic Scarlet Show Dahlia.** A sensational wonder and undoubtedly the largest and best deep scarlet Show Dahlia in existence. Blossoms are on long, stiff stems, well above the foliage. Plant extremely sturdy and produces very luxuriant foliage. This acquisition can be highly recommended. **50 cents each.**

M. SOMERS. A beautiful clear purple. Large. **25 cents each.**

PERFECTION. (Fellowes.) Orange-buff shades. This variety is properly named, a true model in every respect. **25 cents each.**

POLLY SANDALL. A novel combination of bronze yellow, veined and blotched pinkish-white. **35 cents each.**

PRINCESS VICTORIA. Pure canary yellow. Long stems, perfect form and free bloomer. **25 cents each.**

PRINCE BISMARCK. (Fellowes.) Deep purple. Large, perfect flower of fine form. **25 cents each.**

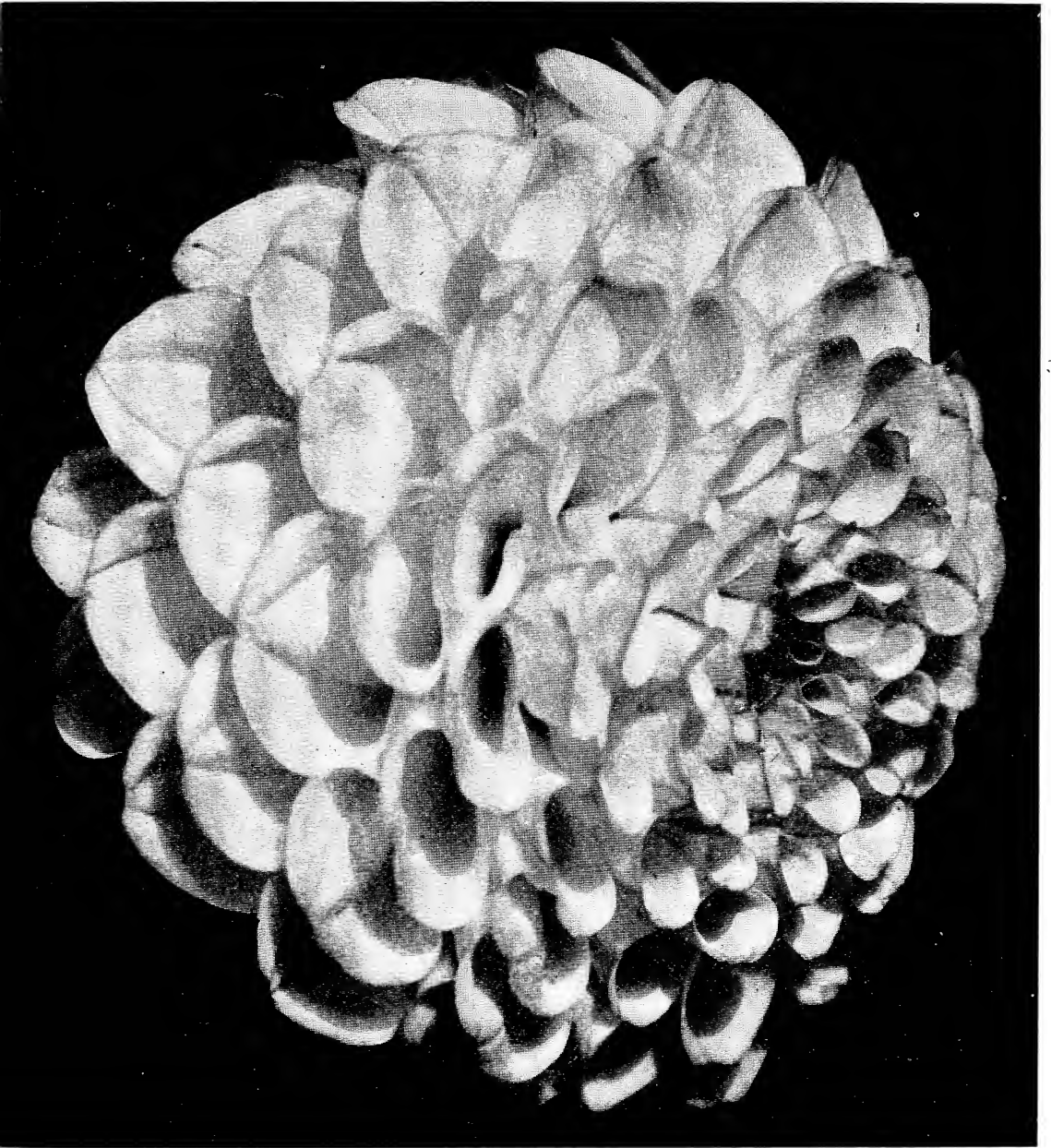
PURPLE GEM. Deep purple, distinct. **25 cents each.**

RED HUSSAR. A clear, cardinal red, good stems and a free bloomer. **25 cents each.**

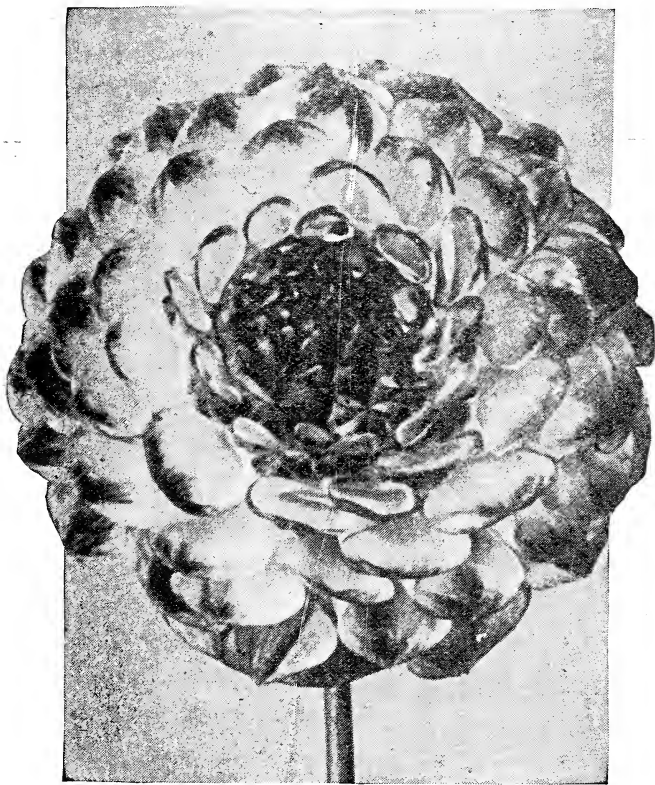
ROBERT BROOMFIELD. Pure white. Tall grower. **25 cents each.**

ROBERT MANTELL. Deep crimson. One of the very best. **35 cents each.**

ROSE. (Alexander.) One of recent introduction; a remarkable Dahlia of decided formation. Color, an exceptionally deep rose shade. Flowers carried erect upon extra long stems. Exceedingly free-flowering. **35 cents each.**



MAUDE ADAMS
(For description see page 22)



VIVIAN. (See below)

SOUVENIR DE POESEL. Ideal New Fancy Dahlia. An exceedingly attractive variety of unusual beauty. Golden-yellow, changing to red. 50 cents each.

STRIPED BANNER. Crimson, tipped white. Medium-sized flowers. 25 cents each.

STORM KING. The most reliable white Show Dahlia to date. Color, a pure white. Flowers produced on good stems, well above the foliage. Free-flowering. 25 cents each.

STRADELLA. Alexander's Seedling. Beautiful deep purple-crimson. Exceptionally free-flowering. Stems long and wiry. One of the finest to date. 25 cents each.

VIVIAN. (Alexander.) See illustration this page.) A great favorite which received the admiration of everyone who saw its wonderful flowers, the color being white, effectively edged rose-violet. An extremely wonderful blending of color possessed only by the rare novelties. One of our champions and a variety worthy of the highest words of praise. 25 cents each.

UNCERTAINTY. Also known as Miss Ruth and Incarnation. A brilliant combination of very light shell pink and scarlet. No two flowers are the same. 25 cents each.

WHITE SWAN. Pearly white. 25 cents each.

Pompon Dahlias

The Pompon Dahlias are the finest for cut flowers; they bloom more freely than any of the other classes. The flowers are small, compact, less than two inches in diameter, full to the center, and are produced upon long, wiry stems. Extra fine for bouquets. I have won more first prizes on this class of Dahlias than any other competitor in the U. S. A.

This collection of 11 Pompon Dahlias, I will send for \$2.50 prepaid.

AMBER QUEEN. Rich, clear amber, shaded apricot. 25 cents each.

ARIEL. Orange-buff. 25 cents each.

BOBBY. Plum color. One of the best. 25 cents each.

DARKNESS. Dark maroon. 25 cents each.

GUIDING STAR. White, quilled petals. 25 cents each.

GOLDEN QUEEN. (Alexander.) The most perfect yellow Pompon to date. 25 cents each.

LA PETITE BARBARA. White, nicked petals. 25 cents each.

PRIDE. (Alexander.) Very deep crimson-scarlet. A model of perfection in shape. 25 cents each.

SNOW CLAD. Small white. Free. 25 cents each.

SUNBEAM. Crimson-scarlet; extra fine. 25 cents each.

WINIFRED. White, tipped lavender, small. 25 cents each.

Single Dahlias

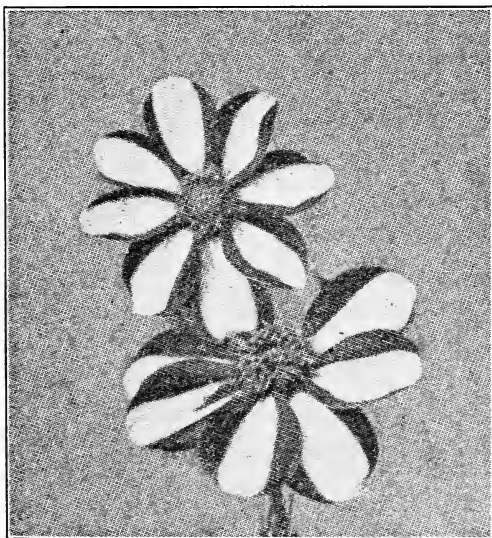
These have become extremely popular and we really think they deserve it. Because of their simplicity and grace, these effective varieties are making wonderful progress among the flower-loving public. The flowers appear early and late in miraculous profusion, making an ideal flower for the garden and home.

Single Dahlias are open centered, small to very large, with eight floral rays, more or less in one circle, margins often decurved.

General List of Single Dahlias

This entire collection of 44 varieties \$10.00 prepaid.

- ADVENTURE.** (Alexander.) A most pleasing shade of pinkish-crimson, striped and splashed maroon. 25 cents each.
- ALVA.** One of the most beautiful of the striped varieties. Yellow, speckled and tipped with pink. 25 cents each.
- AUBRIGHT BEAUTY.** A seedling named and originated by one of my customers and through his kindness I have the pleasure of introducing it. A pure, waxy white variety. 25 cents each.
- BLANCHE.** (Alexander.) The flowers are large and very attractive, being a pale yellow at the base, faintly tipped pink, with a cast of pure white over the whole flower, making it one of the most delicate varieties to date. 25 cents each.
- CARDINAL CENTURY.** (Peacock.) Rich cardinal. One of the best in form and color. 25 cents each.
- CLOTH OF GOLD.** Light yellow, long stems, early, free-flowering. 35 cents each.
- DAUNTLESS.** Alternating in color from silvery pink to deep rose and elegantly striped crimson-maroon. 25 cents each.
- ECKFORD CENTURY.** (Peacock.) One of the largest of the single varieties. Pure white, streaked and dotted purple-crimson. 35 cents each.
- ELINOR.** (Alexander.) This charming seedling is one of the finest Single Dahlias in existence and is destined to become, by virtue of genuine merit, one of the most popular. The color is a delightful yellow, heavily tipped a light shade of crushed strawberry. 35 cents each.
- ELITE.** A pure white with long, narrow petals. A very attractive flower. 25 cents each.
- EMPRESS.** A lovely shade of rose-pink; large and beautiful. 25 cents each.
- FEDORA.** Large, bright yellow heavily tipped bright red. 25 cents each.
- FLORABUNDA.** Rich, rose-pink, suffused cerise. Extra free-flowering and a fine cut flower. 25 cents each.
- FLORENCE DARE.** Deep rose-pink, with a purplish tinge, striped crimson. A large flower with long, rather narrow petals, slightly twisted. 25 cents each.
- G. E. VARNUM.** Deep red, tipped lighter. 25 cents each.
- GLOWING GEM.** (Alexander.) A splendid flower with perfectly gorgeous coloring, being rich, deep crimson. 25 cents each.
- GRACIE.** Delicate blush-pink; a fine bloomer. 25 cents each.
- HELVETIA.** New Holland Single Dahlia. (See illustration this page.) This new creation attracted considerable attention this Fall, when I exhibited it for the first time in this country. It has a very unusual combination of colors, each flower coming quite similar which is exceptional for a variegated variety. Pure white, each petal edged or bordered a brilliant rich scarlet-red. The plants are dwarf and bushy, making beautiful specimens and producing their flowers abundantly. 50 cents each.
- HIAWATHA.** (Alexander.) Giant Single Seedling. This remarkable new variety is the largest of my new seedlings. The plant is tall, sturdy, of pleasing upright growth, and a gorgeous dark, velvety maroon in color. One of the most satisfactory Single Dahlias. 35 cents each.
- JENNIE WREN.** (Alexander.) White, effectively striped and splashed deep purple. 35 cents each.
- JOHN COWAN.** Soft crimson, shaded maroon. 25 cents each.
- LADY OF THE LAKE.** (Alexander.) New Single Seedling. Large brick-red with yellow ring at the center. One of the most satisfactory varieties. 50 cents each.
- MARGARET PERKINS.** Pure white with about one half of each petal tipped with bright cerise-pink, becoming a clear cerise-pink late in the season. Very large and a fine bloomer. A high class flower. 35 cents each.
- MARIE ANTOINETTE.** Pure white with the center of each petal heavily splashed with brilliant velvety crimson; a large flower borne on stems from 18 inches to 2 feet in length. 50 cents each.
- MAN FRIDAY.** Deep maroon. 25 cents each.
- MR. FRANK I. SHOREY.** (Alexander.) The coloring is most fascinating and delightful, being a beautiful waxy white, effectively veined and shaded delicate pinkish lavender. 35 cents each.
- NEWPORT WINNER.** A large crimson flower of the best size and form. 25 cents each.
- NIPINITIC.** (Alexander.) New Single Seedling. A very large purple-crimson flower, produced in great profusion upon tall sturdy plants. 35 cents each.
- PAINTED BEAUTY.** Garnet, striped deep maroon and tipped white. A striking flower. 25 cents each.
- PROSPERITY.** (Alexander.) Light center, very heavily tipped rose-purple. 25 cents each.
- ROSE PINK CENTURY.** (Peacock.) A rose pink shade. A very large variety and without doubt the best of its color. 25 cents each.



Helvetia—Single Dahlia. 50 cents each; \$5.00 per doz.
(For description see this page.)



SACHEM. (Alexander.) Single Seedling. A beautiful orange-scarlet. Flowers of large size. **35 cents each.**

SADIE. (Alexander.) A pleasing novelty which is very striking and effective. Color, a beautiful pink, neatly striped and speckled maroon. **25 cents each.**

SIREN. (Alexander.) Crushed strawberry, crimson and yellow. A beauty. **25 cents each.**

SNOWFLAKE. A large flower of the purest white. **50 cents each.**

SOUV. DE PARIS. A giant among Single Dahlias. Pure white with long and rather narrow petals. A superb variety. **35 cents each.**

SPLASHED BEAUTY. (Alexander.) New Single Seedling. Bright golden-yellow, thickly splashed rich crimson. A long stemmed variety, producing it sflowers in abundance. **35 cents each.**

ST. GEORGE. A very free-flowering variety of clear yellow. **25 cents each.**

STRIPED GEM. (Alexander.) Pinkish purple, striped maroon. **25 cents each.**

SURPRISE. (Alexander.) New Single Dahlia. A striking and sensational flower. The color is a brilliant carmine with a lemon-chrome ring at the center, the whole being striped and splashed deep ex-blood red. Flowers of large size. **25 cents each.**

THERIES. White striped and splashed violet. **25 cents each.**

THOMAS BECKET. Crimson lake with bright yellow ring in center. **25 cents each.**

UTOPIAN. (Alexander.) The finest of its color to date—clear purple. **25 cents each.**

VIOLETTE. Lively shade of crimson. **25 cents each.**

TWELVE IDEAL SINGLE DAHLIAS, PREPAID \$3.00.

No. 1 Thomas Becket
No. 2 Sachem
No. 3 Blanche

No. 4 Empress
No. 5 Rose-pink Century
No. 6 Aubright Beauty

No. 7 Elinor
No. 8 St. George
No. 9 Theries

No. 10 Alva
No. 11 Surprise
No. 12 G. E. Varnum

Collarette Dahlias

French specialists have given us the beautiful Collarette Dahlia, an entirely new type, which has wonderful flowers and delightful color combinations. These have been shown extensively the last few years at the European Dahlia Shows, where they met with great favor, and we feel confident that they will meet with the same approval here.

The flowers are single, with an additional row of short petals around the disc, which forms a frill or collar, usually of a different color from the rest of the flower.

Two New and Rare Collarette Dahlias

One of each for \$1.25 prepaid.

ARIA. New Collarette Dahlia of exceptional merit. White heavily overlaid deep rhodmine purple. Collar, pure white, perfectly arranged and very prominent. One of the most perfect and desirable of the collarette type. **\$1.00 each.**

VIRGINIA LEE. (Alexander.) New Collarette Seedling. Named for Miss Virginia Lee Sturgis

and an exceptionally attractive variety, that created considerable comment when used as part of the floral decorations at Miss Sturgis' sister's wedding where it was effectively displayed. It is a very free-flowering variety, with long stems. In color, a deep velvety carmine, edged sulphur-yellow; collarette, pale sulphur-yellow. **50 cents each.**



ACHIEVEMENT. The Largest Collarette Dahlia Grown
(For description see page 28)

Select List of Collarette Dahlias

This remarkable collection of 13 Novelty Collarette Dahlias, prepaid for \$4.00.

ACHIEVEMENT, or JOHN L. LINDER. Alexander's Wonderful Collarette Introduction.

This phenomenal creation is the largest Collarette Dahlia in existence—a perfect wonder, especially distinguished for its perfection and unsurpassing qualities. The flower is a clear, rich velvety maroon; collarette, a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish-crimson. The remarkable contrast of the above combination of color, together with its ideal form and profusion of flowers, secures for this variety a supreme place in the Dahlia world. **25 cents each.**

AMI CACHAT. (Rivoire.) French Collarette Dahlia. Orange-red, yellow collarette. **35 cents each.**

AMI NONIN. (Charmet.) Gigantic French Collarette Dahlia. Dark crimson-carmine edged with lilac; white collarette. **50 cents each.**

DIRECTEUR RENE GERARD. Gigantic French Collarette Dahlia. Beautiful violet-purple, shaded and tipped white; white collarette. Exceptionally large flowers produced in great profusion. I recommend this variety very highly. **25 cents each.**

EXPOSITION DE LYON. (Rivoire.) Ideal French Collarette Dahlia. A very gay flower of bright garnet, with exceptionally fine yellow tips; white collarette, daintily suffused lavender and overlaid crimson. One of the showiest. **25 cents each.**

GALLIA. (Rivoire.) French Collarette Dahlia. Carmine-red, edged primrose; sulphur-yellow collarette. **35 cents each.**

JUPITER. Primrose-yellow, suffused crimson; sulphur-yellow collarette. **25 cents each.**

LEUCHTFEUER. Golden-yellow, tinged orange red, with sulphur-yellow collar. Good upright habit. **35 cents each.**

MAURICE RIVOIRE. (Rivoire.) Wonderful French Collarette Dahlia. Of sterling quality. The flowers are produced in great profusion on long, graceful stems, well above the foliage. The flower is a gorgeous, rich crimson with pure white collarette of short, well formed petals, perfectly arranged around the rich golden-yellow center. One of the finest novelties. **25 cents each.**

NEGRO. Very dark maroon, white collarette. **50 cents each.**

ORPHEE. (Rivoire.) Bright orange-red; golden orange collarette. 35 cents each.

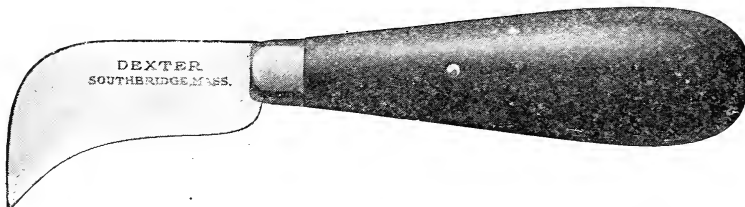
SIGNORINA ROSA ESENGRINI. (Rivoire.) French Collarette Dahlia. Lemon-yellow marked with orange-scarlet; lemon-yellow collarette. **35 cents each.**

SOUVENIR DE CHABANNE. (Rivoire.) First-class French Collarette Dahlia. A variety of great merit especially distinguished for its charming coloring and large size. Lemon-yellow with coral-red markings; collarette petals very abundant, lemon-yellow, tipped white. This was one of the first originated and still ranks among the best. **35 cents each.**

Dahlias Which are Not Catalogued

If you are looking for varieties that are not catalogued it will pay you to write to me before ordering elsewhere as I carry a large list of uncatalogued varieties, my stock being insufficient to warrant me to catalogue these varieties. I grow over 2,000 varieties but must have over 100 clumps of a variety before I have sufficient to list herein. If you have any variety in mind that you do not see listed, I will be pleased to have you write me. If it is good I have it and will be pleased to quote you.

Dahlia Cutting Knives



Many of my customers have asked me what kind of a knife I use in separating my clumps of Dahlias, so thinking it will make it convenient for my customers, I am offering the knives we use to separate the Dahlia clumps. The above illustration shows their general appearance. This knife has a two inch blade made of finest tool steel, with rickle-plated closed-end ferrules, and every blade securely riveted in the handle. The blades are ground sharp and hand honed. This knife has an oval taper rubberoid handle. In addition to being used in cutting Dahlias, it is made for Grape picking and Pruning purposes. A good pruning knife is always handy. The women folks like them for paring apples and potatoes. **50 cents prepaid.**



Partial View of one of my Gladiolus Fields "America" in foreground

Gladioli

The Gladioli are without an equal either for bedding or borders. As a cut flower they are far superior to any other Summer bloomer, either for lasting qualities or for the various uses for which they can be employed. If planted by the last of May they will bloom by the first to the middle of August, if cared for properly.

The Way to Plant—Dig the row or bed from 8 to 10 inches deep, then spread a liberal amount of good fertilizer in the bottom of the row or bed, then rake it in thoroughly before planting your bulbs; but if stable dressing is used it should be spaded in when the bed is first dug over. I find that hen dressing can be used, giving first class results, if applied properly; but it must be put in the bottom of the drill or bed, then covered with fully an inch of soil before the bulbs are planted. The bulbs after being planted should then be covered from 4 to 6 inches deep. Just as soon as they show their heads through the ground, they should be cultivated. If this is continued once a week till they commence to flower, one will be sure of first-class results. After the bulbs have flowered, and the stalks commence to turn brown they should be harvested. Dig carefully and allow to dry thoroughly for ten days to two weeks before placing in cellar for Winter storage.

Special Offers

Knowing many of my customers are not familiar with the different named varieties, but want good, large flowering varieties, regardless of the name, and wishing to guarantee satisfaction and give them the greatest value possible for their money, I make these Special Offers, all of which I recommend. The varieties I am to use in these offers are only the largest and best.

RECOMMENDED SPECIAL OFFER: For massing and Borders. 48 Gladioli one dozen each of America Cracker Jack; "Halley" Mrs. F. King. The 48 prepaid for \$3.00. 100 each of the four varieties for \$15.00 prepaid or 50 each of for \$8.00.

RECOMMENDED OFFER. One dozen named varieties, 12 different colors, varieties that are large, and that I will guarantee to give satisfaction, prepaid for \$1.00. I make this offer to insure you good results, and in the selection will give you the benefit of my experience.

TRIAL COLLECTION. Five giant-flowering Gladioli, five different colors, for 50 cents, prepaid, or 25 choice mixed Gladioli for \$1.00 prepaid.

New and Choice Gladioli for 1924

This remarkable collection of 9 Phenomenal Gladioli prepaid for \$3.00.

BEATRICE MAY. (Alexander.) New Gladioli Seedling. An Ivory yellow with shadings of light Corinthian pink. Deep tyrian rose throat markings. Large well expanded flowers on a strong sturdy spike. Early bloomer. **50 cents each; \$5.00 per dozen.**

EFFECTIVE. (Alexander.) New Gladioli Seedling. Color a very pale Naphthalene yellow, heavily overlaid bright Corinthian pink with a delicate silvery sheen. Three lower petals conspicuously blotched with a deep carmine red. Anthers bright Auricula purple. Large well expanded flowers produced on long spikes. An early bloomer. **50 cents each. \$5.00 per dozen.**

FLORA. A new, deep, rich, pure yellow variety, with splendid spikes and large blooms. Unsurpassed for cutting. **25 cents each.**

FRANK CALLBECK SIMMS. (Alexander.) New Gladioli Seedling. Color a bright rose-red with prominent sea foam yellow throat. A very large well expanded flower. One of the most conspicuous and attractive of my entire collection. Long well formed spikes averaging from twelve to fifteen blossoms having four blossoms open at one time. Highly recommended. Named for and with permission of Mr. Frank C. Simms of Quincy, Mass. **\$1.00 each; \$10.00 per dozen.**

GLADIOLI—Continued.

GLOWING GEM. (Alexander.) The plants are of strikingly vigorous, healthy growth, producing well expanded blossoms perfectly arranged upon tall, sturdy spikes. Color a beautiful, glowing, scarlet. The most prominent feature of this variety is its color, which attracts great attention. **25 cents each; \$2.50 per dozen.**

LE MARECHAL FOCH. One of the earliest and largest Gladioli grown. A charming shade of clear light pink without any shadings. The spikes are long and stiff and the flowers are unusually well placed. **25 cents each; \$2.50 per dozen.**

Standard Gladioli

I will ship this collection of 37 varieties prepaid for \$5.00.

A Gladioli bed displaying one color is most effective. The Gladioli are ideal for massing, and add greatly to the surroundings.

AMERICA. (Banning.) Universally acknowledged "King of Gladioli." Gigantic flowers of clear lavender-pink. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

AEROPLANE. The color is a beautiful clear, deep pink with an exquisite pure white throat. Individual flowers are very large and massive, being well arranged, and many open at a time. **35 cents each; \$3.50 per dozen.**

BRENCHLEYENSIS. (Yuell.) Vermilion-scarlet. Fine variety. **10 cents each; \$1.00 per dozen.**

CHICAGO WHITE. The Early Snow-White. Extra early and a fine pure white. **10 cents each; \$1.00 per dozen; \$7.00 per 100.**

CHOCOLATE DROP. Chocolate color, changing to lavender. **15 cents each; \$1.50 per dozen; \$8.00 per 100.**

COLUMBIA. Bright scarlet, freely blotched and penciled with blush-purple. Throat mottled. **10 cents each; \$1.00 per dozen; \$7.00 per 100.**

CRACKER JACK. (Cowee.) Large flowers of velvety dark red, throats spotted with yellow and dark maroon; a most sensational variety. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

FAUST. A large, velvety, carmine-red. A very rich color and a long spike. **10 cents each; \$1.00 per dozen.**

GEO. F. ELCOCK. (Alexander.) A spectacular variety, producing large, well-expanded flowers; cream-white, effectively overlaid salmon-pink; throat bright crimson-maroon. **25 cents each; \$2.50 per dozen.**

GLORY OF HOLLAND. White with slight tinting of pale pink, and anthers of delicate lavender. **10 cents each; \$1.00 per dozen; \$7.00 per 100.**

HALLEY. (De Ruyter.) Delightful salmon-rose with beautiful creamy blotch. Very large. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

IDA. (Groff.) The flower spike is large; the flowers are pure white, daintily overlaid and veined a delicate pinkish-lavender; the stamens are purple and the stigmas pale carmine. A remarkable variety of excellent habit. **15 cents each; \$1.50 per dozen; \$10.00 per 100.**

INDEPENDENCE. (Woodruff.) Rich, clear, deep pink, with throat markings of dark red. A very tall and strong grower, of great substance. One of the best for cutting. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

ISA TINKHAM. (Alexander.) A very rich deep purple-crimson, a very popular shade. Flowers of medium size and produced on long spikes. **20 cents each; \$2.00 per dozen.**

MEADOWVALE. (Cowee.) One of the purest of whites without a shade of color except in the throat, where there is a touch of vivid crimson; the three lower petals have slight center markings of clear crimson pink. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

MISS FLORA SPRAGUE. (Alexander.) White overlaid salmon-pink; throat deep carmine-red. **20 cents each; \$2.00 per dozen.**

MRS. E. M. SMITH. (Alexander.) A very attractive variety of great substance. Deep pink with bright cherry throat; two lower petals edged primrose-yellow. Plant vigorous; spike straight and strong. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

LILYWHITE. Almost a pure white, reliable for early forcing. Six blooms open at a time. **25 cents each; \$2.50 per dozen.**

PRINCE OF WALES. This is a sport from the well known variety Halley, but is larger and of taller growth. The color is a delicate coral-pink with practically no throat markings. **15 cents each; \$2.50 per dozen.**

PRINCEPINE. One of the best of the new reds; carmine-red with large, white blotch. Tall spike and prolific bloomer. **25 cents each; \$2.50 per doz.**

MRS. FRANCIS KING. (Coblentz.) A pleasing shade of light scarlet. Flowers are large and well arranged on a strong spike, there being four to six open at a time. One of the best in existence. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

MRS. FRANK PENDLETON, JR. (Kunder.) Awarded First-class Certificate of Merit by the Massachusetts Horticultural Society, Boston. This new variety is the result of crossing the best of the largest flowered types, and is now a type of its own. The color is the most exquisite salmon-pink, with a very conspicuous blood-red blotch in the throat on the lower petals. **10 cents each; \$1.00 per dozen; \$7.50 per 100.**

MRS. JOHN HAYS HAMMOND. (Alexander.) Named expressly for and with permission of Mrs. John Hays Hammond of Gloucester, Mass., in recognition of her great admiration of beautiful flowers. A beautiful begonia rose, blending to and streaked with a glowing velvety carmine-red; throat Baryta yellow thickly dotted and splashed a dull carmine-red. Gigantic flowers produced upon good sturdy plants. One of the largest and finest Gladioli to my knowledge. Highly recommended. **\$1.00 each; \$10.00 per dozen.**

MRS. WATT. (Chase.) In coloring, one of the most distinct varieties grown; a glowing, wine-crimson. One of the choicest newer varieties and a novelty that no garden should be without. **15 cents each; \$1.50 per dozen; \$10.00 per 100.**

MYRTLE. (Kunder.) One of the finest and most delicate new Gladioli. It is early flowering; in perfect alignment on straight spikes, the opening buds very closely resemble creamy-pink tinted rosebuds with slightly flaring petals. Clearest dainty rose-pink, softly dissolving into a throat of clear creamy-white, its cool angelic beauty is most entrancing. Distinctive in form and color; and of good size. It has been described as a fine Mayflower pink, almost exactly the color of the trailing arbutus. **15 cents each; \$1.50 per dozen; \$10.00 per 100.**

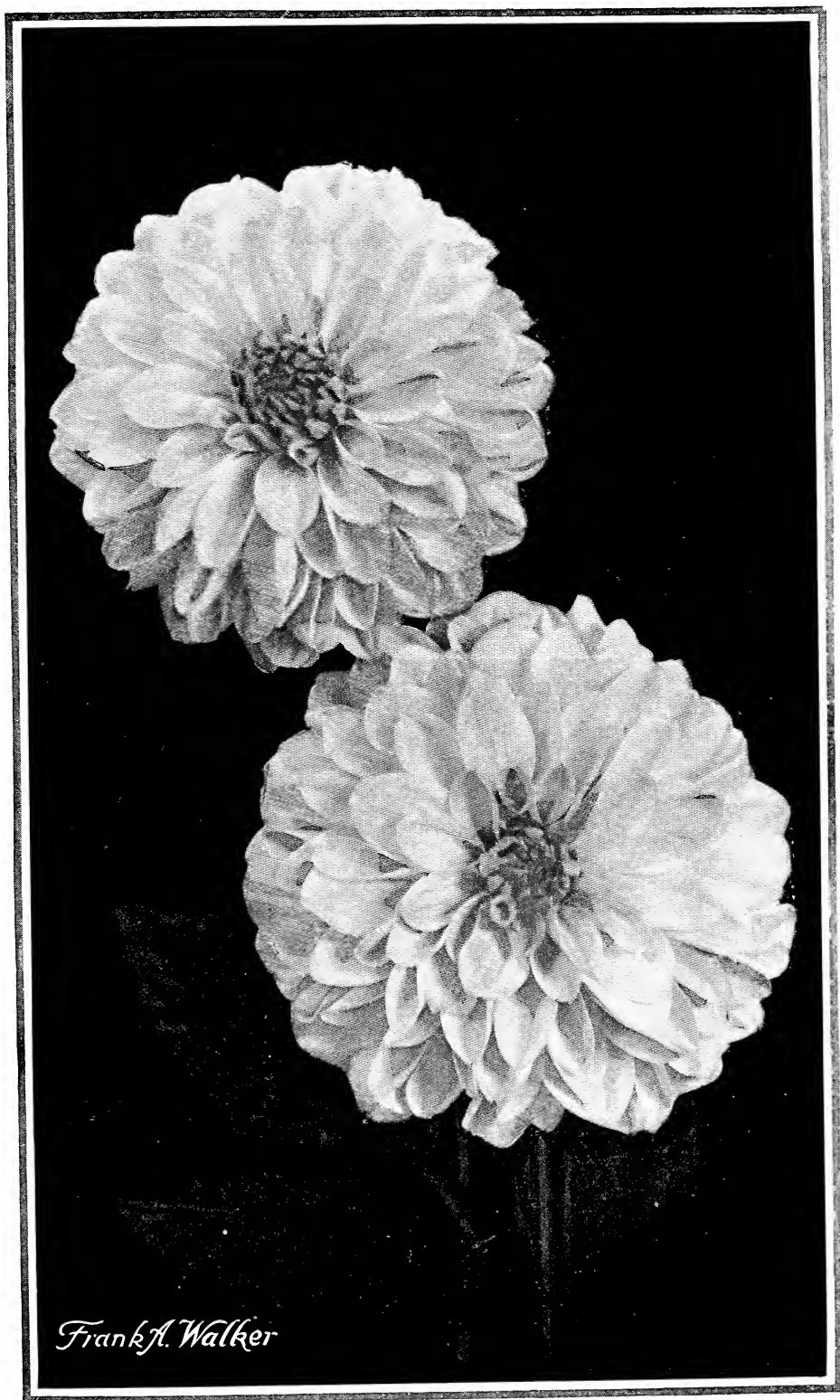
NAZINSCOTT. (Childs.) Bright blood-scarlet with deep, velvety crimson-black blotches and white mottlings in throat. **15 cents each; \$1.50 per dozen; \$10.00 per 100.**

NOVELTY. (Groff.) An exceedingly odd variety of beautiful light salmon color with orange-yellow throat, the whole being dotted and mottled with crimson. **10 cents each; 75 cents per dozen; \$5.00 per 100.**

NIAGARA. (Banning.) A wonderful new Gladiolus of sterling quality. In color the flowers are a delightful cream shade, with the two lower petals daintily marked canary-yellow. The throat is attractively splashed with rich carmine. The stamens are purple and the stigmas pale carmine. **10 cents each; \$1.00 per dozen; \$8.00 per 100.**

PANAMA. (Banning.) A wonderful new Seedling from "America," which it resembles, but is a deeper pink. Flowers very large and spike long. **10 cents each; \$1.00 per dozen; \$8.00 per 100.**

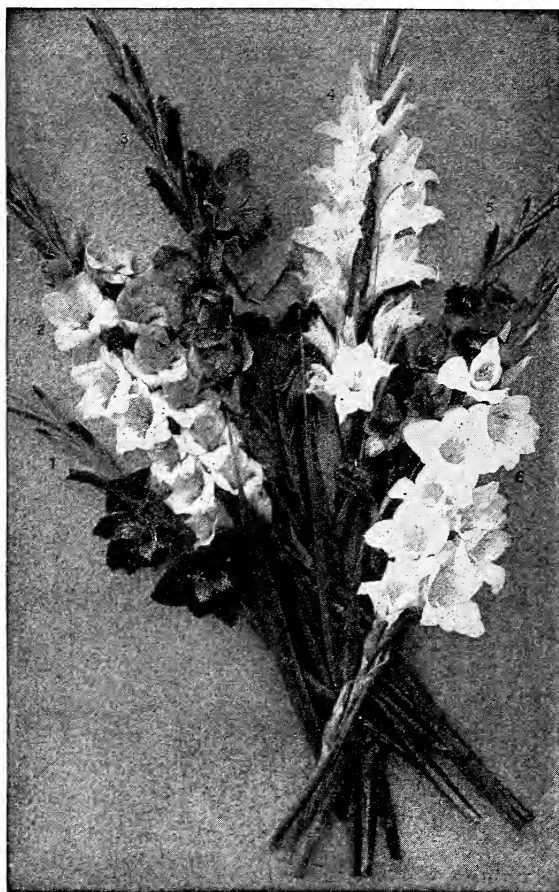
PEACE. (Groff.) Wonderful white Gladiolus. Gigantic flowers are borne on a magnificent tall spike; the entire plant shows a vigorous, healthy constitution. The wide open flowers are of a glistening white, with an attractive narrow stripe of purplish carmine through the center of each lower petal. This extra throat marking is not a detriment to its beauty but adds to its attractiveness. The noblest white Gladiolus. **10 cents each; \$1.00 per dozen; \$7.50 per 100.**



FRANK A. WALKER

(One-half actual size.) (For description see page 20.)

GLADIOLI—Continued.



THE MARVELOUS SIX FOR 50 CENTS PREPAID

- | | |
|---|--|
| No. 1 Cracker Jack.
Crimson | No. 4 Meadowvale.
White |
| No. 2 Halley. Salmon pink. | No. 5 Pink Augusta. |
| No. 3 Mrs. Francis King.
Scarlet. | No. 6 America. Lavender-
pink. |

Any of the above varieties, 75 cents per dozen; \$5.00 per 100.
5 each of the six above varieties, 30 bulbs for \$2.00 prepaid.

PINK AUGUSTA. Deep pink, same form as Augusta. 10 cents each; 75 cents per dozen; \$5.00 per 100.

PRESIDENT TAFT. (Stewart.) An exquisite variety of delicate salmon-pink, shaded darker at edge with deep crimson blotch in throat and an attractive white line through each petal. A grand variety which evokes words of praise wherever exhibited. The spikes and flowers are of largest size. 25 cents each; \$3.50 per dozen.

PRIMULINUS HYBRIDS. (See illustration page 33.) These hybrids, produced by crossing the species Primulinus (a native of the jungles of Africa) with the Gandavensis type, are extremely dainty and graceful in form. They are among the earliest of the Gladioli to blossom, flowering ten days to two weeks before most all other Gladioli. The upper petal droops, forming a "hood." The colors range from primrose yellow to a beautiful rose. 10 cents each; 75 cents per dozen; \$5.00 per 100; \$35.00 per M.

ROSE GEM. (Alexander.) Another early flowering variety that is sure to give satisfaction. The total

effect is rose-pink, but comparison with the color chart gives a La France pink, heavily mottled scarlet-red. A very fascinating variety. 35 cents each; \$3.50 per dozen.

ROUGE TORCH. Large, creamy-white flowers, with a rouge torch-like tongue on the lower petals, making a very striking contrast. 15 cents each; \$1.00 per dozen; \$8.00 per 100.

SCARSDALE. (Cowee.) A grand Gladiolus with large lavender-colored flowers, shaded beautiful dark rose; extra large spikes growing very erect. 15 cents each; \$1.50 per dozen; \$10.00 per 100.

SCHWABEN. (Pfitzer.) Finest of German importations. This striking new Gladiolus is a pure canary-yellow, shading to soft sulphur-yellow when opening; the deep golden-yellow center is blotched with brilliant brownish-carmine. Foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers makes it very effective for groups and beds. The



Primulinus Hybrids. 10 cents each; 75 cents per doz ; \$5 00 per 100.
(For description, page 32.)

brownish-carmine blotch being very deeply set in the throat does not reduce the entire effect, and hardly makes any appearance unless flower is examined. 15 cents each; \$1.50 per dozen; \$12.00 per 100.

STERLING, MINNESOTA, or LAFAYETTE. (Groff.) A beautiful pale yellow with rich cherry throat. One of our finest and nearest in color to the New Ruffled Gladiolus, "Kunderi Glory." A perfect beauty. 10 cents each; 75 cents per dozen; \$6.00 per 100.

THE KING. (Groff.) A beautiful, rich, deep purple with an ideal chrome yellow throat, the lower petals veined white. The flowers are from 4 to 6 inches in diameter, borne on long spikes. Very large and showy. 10 cents each; \$1.00 per dozen; \$7.00 per 100.

WOODROW. A very exquisite and attractive variety. Scarlet flower with deep yellow throat. 10 cents each; 75 cents per dozen; \$5.00 per 100.

Alexander's Special Select Mixture.

This strain comprises a large range of some of the very best colors and varieties ever offered at these

prices, consisting principally of the best white, yellow and pink shades.

First size; \$1.00 per dozen, prepaid, or \$6.00 per 100, prepaid.

Alexander's Select Mixture.

This strain comprises a large range of colors, flowering red and dark shades.

First size; \$1.00 per dozen, prepaid, or \$6.00 per 100, prepaid; \$50.00 per 1,000, prepaid.

My Special Mixture of Groff's

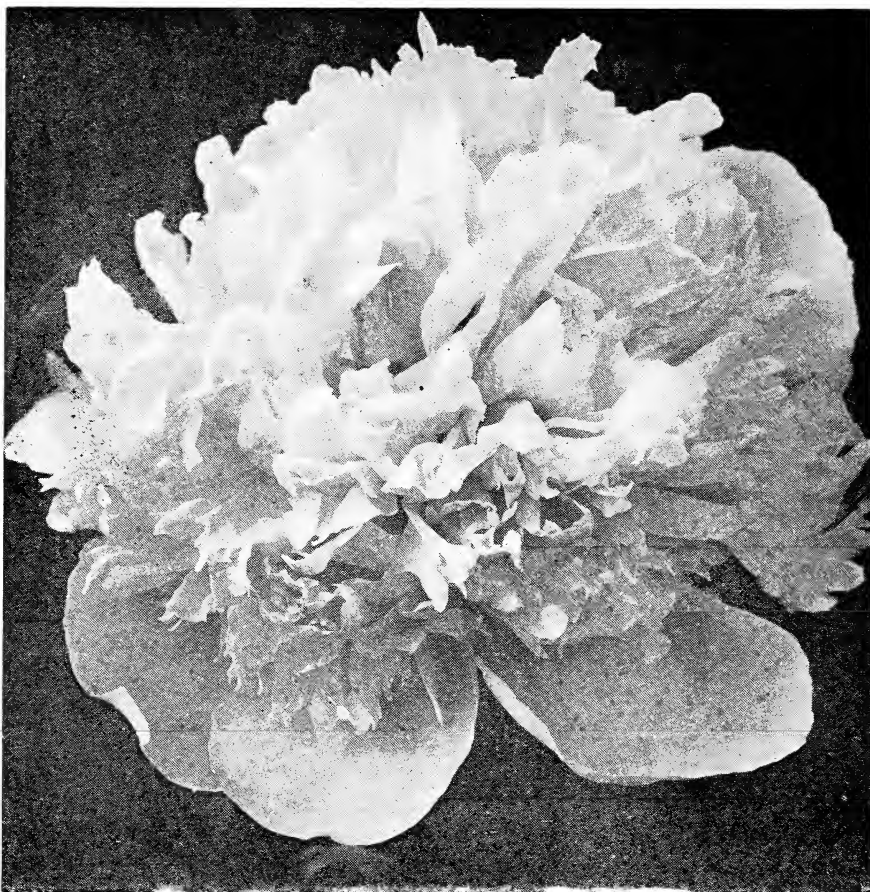
This strain comprises a large range of colors, some of the best Groff's grown, consisting of many red, crimson and darker shades.

First size: 75 cents per dozen, prepaid; \$5.00 per 100, prepaid, or \$40.00 per 1,000, prepaid.

My Grand Mixture.

This strain comprises a large range of colors; some of the older types, together with a large number of new varieties, making it perfectly satisfactory and by far the best obtainable for the prices.

First size: 50 cents per dozen, prepaid; \$3.50 per 100, prepaid; \$25.00 per 1,000, prepaid.



MARY BAKER EDDY—\$10.00 each. (See page 35.)

Peonies

The Peonies are among the noblest and most magnificent of our herbaceous plants. They are the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border, where their brilliant hues add beauty to the entire surroundings. Their requirements are so simple,—a good, rich, deep soil; they are perfectly hardy, and produce their wealth of flowers in great abundance.

TIME TO PLANT: Peonies may be planted with perfect safety any time from the middle of August till the ground freezes in the Fall, and in the early Spring until growth has advanced too far. September is the best time, as they then make a root growth before Winter sets in, usually blooming the following Spring.

After being transplanted, Peonies will not produce typical blooms the first season, many fine double varieties throwing single or semi-double flowers, and it is not until the third year that the finest flowers are produced.

They will abundantly repay good care and nourishment; but they resent an over abundance of fresh manure too near the roots. Well decayed manure is far better. A division of the clumps at long intervals, when they become so crowded as to interfere with freedom of bloom; and the soil kept loose and free from weeds, is all that is necessary. Where grown for cut flowers, they should not be disturbed oftener than is necessary; where they are grown for the sale of roots, they may be divided every second or third year. Plant so the eyes will be from two to three inches below the surface. Lay roots flat. Do not stand them on ends.

My prices are for good strong roots that, planted in the Fall, and given proper care, may reasonably be expected to bloom the following Spring. Varieties differ so greatly in habit that the expressions one-year and two-year, or the number of eyes, convey no meaning whatever; a strong root with one eye often being far better than a weak one with many. My prices are as low as the true varieties, and the size of the roots I send out will warrant. I grow and sell my own roots, and make no pretense of competing with those who have no stock of their own; but buy and sell indiscriminately.

All Peonies shipped prepaid to any part of the world at prices given below.

The Famous Hollis Peonies

One each of the 16 varieties for \$75.00 prepaid.

ADMIRAL DEWEY. (Hollis 1903.) Rose-pink, shaded heliotrope; large, high built flower. According to color chart, color, total effect, solferino red, clear; guards solferino red, center same as guards; fades silver tipped, linear petals concealed throughout bloom. Type, bomb. Form of bloom, globular compact. Fragrance pleasant. Blooming time mid-season. **\$5.00 each.**

ADMIRAL TOGO. (Hollis 1907.) Deepest mahogany red, large high built flower, luminous. According to color chart, total color effect, crimson carmine; guards clear, collar same as guards; center clear. Holds color well, no silver tip. Type of bloom semi-rose. Form of bloom flat, medium compact. Not entirely transformed. Plant medium tall, erect, compact. Blooming time mid-season. Medium to large size. **\$2.50 each.** Recommended.

ATTRACTION. (Hollis 1906.) One of the very finest of the Japanese type termed "Wonderful Glowing Suns" as they are entirely distinct from the other types, most of them have cup shaped petals which surround a mass of petaloids or filamental petals like a crown of thorns. They are yet comparatively little known to the general public and mostly found in large collections of connoisseurs and Peony enthusiasts, where they awaken the admiration of all who behold them for the first time. Very large, medium compact, flat blossom. General impression, crimson pink with golden center, but according to color chart, the guards are clear tyrian rose, center same color as guards, tipped with yellow, which fades more quickly than guards. Pleasant fragrance. Growth strong and healthy, plants erect, medium to tall. **\$2.00 each.** Recommended.

BEAUTY'S MASK. (Hollis 1904.) A very distinctive crown type blossom, of compact formation and very large size. First impression blush white, tinted lilac. According to color chart the guards are clear violet rose, with collar lighter than guards, and distinctive yellowish secondary stamens present. Fragrance pleasant. Blossoming time late. Growth strong and healthy, plant of medium erect habit, tall and open. Buds borne in clusters. **\$3.00 each.** (Stock limited.)

EVENING GLOW. (Hollis 1907.) Very large, rose type, flat, medium compact bloom. Hydrangea pink, tipped with white. Imbricated bloom. Fragrance pleasant. Habit medium erect to erect, tall and compact. **\$15.00 each.** (Stock limited.)

FLASHLIGHT. (Hollis 1906.) A very large globular, medium compact to loose bloom of Japanese type. First impression, a crimson pink with golden center. Not as dark a shade as "Attraction." According to color chart, the total color effect is tyrian rose; guards have light streak, center clear. The center is amber yellow, shading pink at base. Compact, erect plants of medium height. Early bloomer. One of the best of this type. **\$10.00 each.**

GEORGE HOLLIS. (Hollis 1907.) Large, globular rose type. Center is a pale, rose-pink with lilac-white guards. Very late blooming. **\$5.00 each.**

GEORGE WASHINGTON. (Hollis 1904.) A large flat, loose bloom of semi-rose type. One of the brightest dark crimson red varieties. Guards clear, collar same as guards; center clear, uniform color. Stamens intermingled with petals. Blooming time mid-season. Habit of plant, erect medium, compact, medium height. Growth strong and healthy. A strikingly brilliant color that always attracts the attention of visitors. **\$2.00 each.** Recommended.

GOLDMINE. (Hollis 1907.) Japanese type. Flat loose, medium size. Guards tyrian rose, center same as guards, tipped golden yellow. Medium tall, erect variety of good habit. Mid-season. **\$10.00 each.**

INNOCENCE. (Hollis 1904.) A medium sized flat compact Japanese type bloom. General impression, pale pink guard with golden center. According to color chart, lilac-rose; guards clear, center canary-yellow fading to cream-white, pale pink at base of stamens. Fragrant. Habit of plant, erect, tall compact. Growth strong and healthy. Blooming time mid-season. **\$5.00 each.**

JOHN HANCOCK. (Hollis 1907.) A very large globular semi-double flower. Its color is one not at all common in Peonies, total effect, being bright rosy magenta, guards streaked light; center clear; secondary stamens absent. Bloom is very noticeably silver tipped. Fragrant. Blooming time mid-season. **\$5.00 each.**

LUCY E. HOLLIS. (Hollis 1907.) Large flat medium compact; rose type blossom. First impression, pale pink and white. According to color chart, lilac white, guards clear, collar same as guards; center slightly flecked scarlet; secondary stamens present. Center of bloom, shaded to pale lilac rose. Fragrance pleasant. Blooming time very late. Strong, healthy drooping habit; plants of medium height. **\$5.00 each.**

MARY A. LIVERMORE. (Hollis 1907.) One of the most beautiful of the rose type. A very large flat medium compact, not differentiated, and entirely transformed blossom. General impression rose-pink and white. Petals are a beautiful rose-pink, passing to silver and white at the tips. Fragrance pleasant. Blooming time mid-season to late. Plants are medium erect, medium tall to tall, compact. Growth strong and healthy. Buds borne in clusters. Highly recommended. **\$5.00 each.**

MARY BAKER EDDY. (Hollis.) Large, compact, globular rose type. Deep rose-pink with silvery tips. Plants of medium height, long, strong stems. Mid-season to late. Scarce. **\$10.00 each.**

MAUD L. RICHARDSON. (Hollis.) Large, flat rose type. Pale lilac-rose center lighter. Fragrant. Blooming time, late. **\$3.00 each.**

WELCOME GUEST. (Hollis 1904.) One of the very finest of the semi-double Peonies. A very large, loose, bright silvery rose, fading to rose-white. Very strong and healthy, with long stem. Plant erect, tall and medium compact. Buds borne in clusters. Very pleasant fragrance. Mid-season. Highly recommended. **\$2.00 each.**

Rare and Selected Peonies

This collection of 37 Selected Peonies one of each for \$40.00 prepaid.

ALEXANDER DUMAS. (See illustration.) (Guerin 1862.) Medium sized, light violet-rose crown; has creamy white collar of narrow petals, mingled with wide center petals; fragrant. Medium height, free-bloomer, early mid-season. Good cut flower variety. Recommended. **50 cents each.**

AVALANCHE. (Crousse 1886.) Medium to large, fairly compact white crown type, flecked with carmine, with cream white collar. Collar well differentiated. Tuft of short, narrow, cream petals in center of bloom. Occasional carmine splash on outside of guards. Odor pleasant. Plant is a medium strong grower of fair habit. Free bloomer in clusters. Mid-season to late. **\$1.00 each.**

AUGUSTIN D'HOUE. (Calot 1867.) Same as "Marechal Macmahon." Large, medium compact, showy, bomb type blossom. General impression, dark reddish pink with slight silvery reflex. According to color chart a solferino red. Mid-season. Medium tall. **\$1.00 each.**

BEAUTE FRANCAISE. (Guerin 1850.) A good medium sized, compact, crown type. General impression, pink and white. According to color chart, pale lilac rose and cream white, with prominent carmine flecks on center petals. Strong vigorous plant of rather dwarf habit, strong medium to short stems. Odor pleasant. Blossoms mid-season. **50 cents each.**

BERLIOZ. (Crousse 1886.) A large very beautiful compact rose type blossom. A light carmine-rose or rosy magenta, tipped silver with golden-yellow stamens concealed in bloom. Color is somewhat splashed on tips of petals fading to nearly white. Guards not differentiated, perfect rose type flower. Plant is a medium vigorous grower, stems good length and medium strong, good habit. Mid-season to late. Good showy variety. **\$2.00 each.** Recommended.

CURIOSITY. (Dessert & Mechin, 1886.) Type bloom anemone. Weak blooms nearly single, while very strong ones may be semi-double. Form of bloom medium globular, compact. Differentiated. Color, total effect violet-red, guards clear, collar same as guards, center clear, with occasional yellow tips. Occasional wide petals appearing in center. Fragrance pleasant, one of the largest of the anemone type. Blooming time mid-season. Habit of plant, erect, tall, medium compact. Blooming habit free. **75 cents each.**

DORCHESTER. (Richardson 1870.) Large, compact, rose type. Pale hydrangea-pink. Fragrant. Medium dwarf. Upright, free bloomer. **\$1.00 each.**

DUC D'WELLINGTON. (Calot 1859.) Large bomb type. White guards, and sulphur yellow center. One of the finest white varieties. Medium tall, vigorous grower, free-flowering. Very fragrant. Mid-season to late. **50 cents each.**

DUCHESSE DE NEMOURS. (Calot 1856.) Crown type, pure white in color, medium size and fragrant. Early. **\$1.00 each.**

EDULIS SUPERBA. (Lemoine 1824.) The popular early "Decoration Day" Peony, which is masquerading under all of the following names: "Delia,"



Peony—Alexander Dumas. 50 cents each.
(One-third actual size.)

"Edulis Odorato," "Rosa Lilacina," "Mamie Cutler," "Sylvanus," "Glorie de Douai," "Pizano," "Early Rose," "Acanum," "Sainfoin," "Lilacina." Large, loose, flat crown type. Bright deep mauve pink; color mixed with lilac. Large tuft of wide petals same color as guards, surrounding a few narrow petals in extreme center of bloom, prominent collar. Very fragrant. Free-flowering. **50 cents each.**

EUGENIE VERDIER. (Calot 1864.) Type of bloom semi-rose. Form of bloom flat, medium compact to loose, not differentiated. Color, total effect hydrangea pink; guards clear; collar lighter than guards, very slight occasional crimson flecks on center. Color fades to lilac white. Fragrance pleasant. Large size. Blossoming time mid-season. **\$1.50 each.**

FELIX CROUSSE. (Crousse 1881.) Large globular typical bomb type. First impression, brilliant red. According to color chart, tryan rose. Same color throughout. Compact and globular when first opening; but opens out somewhat with age, exposing linear petals in extreme center of bloom. Odor pleasant. Strong, vigorous grower, with long stem, rather spreading habit, medium height. Free bloomer in clusters. Mid-season. **\$1.00 each.** Recommended.

FESTIVA MAXIMA. (Mieliez 1851.) Very large globular rose type. Pure white center, prominently flecked crimson; outer petals sometimes faint lilac-white on first opening. Very tall, strong vigorous grower. The most popular white variety for cut-flowers. **\$1.00 each.** Recommended.

Rare and Selected Peonies—Continued



PEONY—La Coquette. 50 cents each.
(For description see below.)

GOLDEN HARVEST. (Rosenfield 1900.) Bomb type. Guard petals lilac-rose, creamy yellow collar. Blooms in mid-season. **\$1.00 each.**

KARL ROSENFELD. (Rosenfield 1908.) A very brilliant crimson-scarlet, high built and a first-class bloomer. Tall, strong grower. **\$5.00 each.**

LA COQUETTE. (1861.) (See illustration, this page.) Large, globular, high crown. Guards and crown light pink; collar rose-white, center flecked carmine. Strong, erect, medium height, free bloomer. Fragrant. Mid-season. **50 cents each.**

LA TULIPE. (Calot 1872.) Synonym "Multicolore." Very large, flat, semi-rose type flower. Lilac, white, outer petals striped with crimson. Fragrant. Tall, strong grower, and free bloomer. Late mid-season. Very attractive. **\$1.00 each.**

L'INDISPENSABLE. A variety of unknown French origin sent out from Holland, greatly confused with "Eugene Verdier." The two are entirely distinct however, "L'Indispensable" being very much taller, earlier, has differently formed flowers, very full, globular, rose type. Lilac-white, shading to pale violet rose toward the center. Very late, buds slow to open. **50 cents each.**

MADAME BOULANGER. (Crousse 1886.) Very large, full bloom of rose type. Glossy soft rose-pink shading to lilac, bordered silvery flesh. Late blossoming. **\$2.00 each.**

MADAME CALOT. (Mieliez, 1856.) Very large, Rose type. Pale hydrangea pink, center shaded darker; collar tinted silver. Fragrance XX. Tall strong grower, free bloomer. Early. **50 cents each.**

MADAME CHAUMY. (Calot 1864.) Medium size, globular, very compact, perfect rose type. Satiny rose-pink, or pale lilac-rose, with silver reflex, central petals slightly darker; flecked crimson occasionally. Free bloomer in clusters. Mid-season. **50 cents each.**

MADAME DUCFL. (Mechin 1880.) Large, globular, typical bomb type, petals incurving somewhat resembling a Chrysanthemum. Light mauve-rose, with silvery reflex. Fragrant. Mid-season. Foliage very large, green, medium height. **\$1.00 each.** Recommended.

MADAME EMILE GALLE. (Crousse 1881.) Large, flat rose type of a very delicate sea-shell pink in the center passing to a lighter shade. Late bloomer. An extra fine light variety. **\$1.00 each.**

MADAME GEISSLER. (Crousse 1880.) Very large, compact, globular, imbricated, rose-type. Violet-rose, tipped silver. Very fragrant, spreading habit. Mid-season. **\$3.00 each.** Recommended.

MARIE STUART. (Calot 1856.) Crown type. First impression, white. Cream-white, with pale pink guards, center flecked crimson, all fading to white. Guard petals are well differentiated, thick collar of narrow yellowish petals, on young bloom. Good early variety. **\$1.00 each.**

MILLAIS. (See illustration, page 38.) Single flowers deep crimson with golden-yellow stamens. **\$1.00 each.**

MONSIEUR BOUCHARLAT AINE. (Calot 1868.) Large, full, compact, semi-rose type. Uniform light violet-rose, with silvery reflex. Very strong erect grower, medium height, free bloomer. Mid-season to late. **\$1.00 each.**

MONSIEUR DUPONT. (Calot 1872.) Large, flat semi-rose type bloom. Cream to milk-white, petals are intermingled with stamens at all stages of development, but mostly concealed; petals streaked or splashed crimson. Odor pleasant. Free bloomer in clusters. Plant is a strong, tall grower, with a very stout stem, and upright habit. Mid-season to late. Very good. Similar to "Boule de Neige." **\$1.00 each.** Recommended.

MONSIEUR JULES ELIE. (Crousse 1888.) A very large, medium compact, bomb type flower. Total effect, pale lilac rose, guards and center clear, collar tinted lighter than guards. A very attractive pink; base of collar petals amber yellow. Fragrance very pleasant. One of the finest pink varieties grown, somewhat resembling a chrysanthemum. Early to mid-season. Habit of plant medium erect, medium height, medium compact. **\$1.00 each.** Highly recommended.

PETITE RENEE. (Dessert 1899.) Semi-double flowers of deep rose pink, center petals striped white. Mid-season. **\$1.50 each.**

PROLIFERA TRICOLOR. (Lemoine 1825.) Medium size, very loose, white tinted with pink and sulphur-yellow, crown type bloom. Variable plants until well established. When first set the plants are more nearly Japanese or Anemone type. Clearly differentiated bloom; collar of sulphur-yellow petals; crown loose and open, same color as the guards with frequent crimson flecks. Often only a double row of petals forming an open crown, enclosing tuft of narrow sulphur-white petals. Medium height plant, good habit and strong stems. Free bloomer in clusters, making it very showy. **\$1.00 each.**

QUEEN VICTORIA. (Kelway.) Large, globular in form, medium loose, low crown. Milk-white guards, tinted flesh; center cream-white, with crimson flecks. Very fragrant. Medium height, strong, free-bloomer. Mid-season. Very popular, being one of the best white varieties. **75 cents each.** Recommended.

Rare and Selected Peonies—Continued

ROSY DAWN. (Barr.) (See illustration, this page.)

One of the largest Single Peonies, if not the largest. Snow-white flowers, tinged blush at first, resembling a great white water-lily. **\$1.00 each.**

SARAH BERNHARDT. (Lemoine 1906.) A very

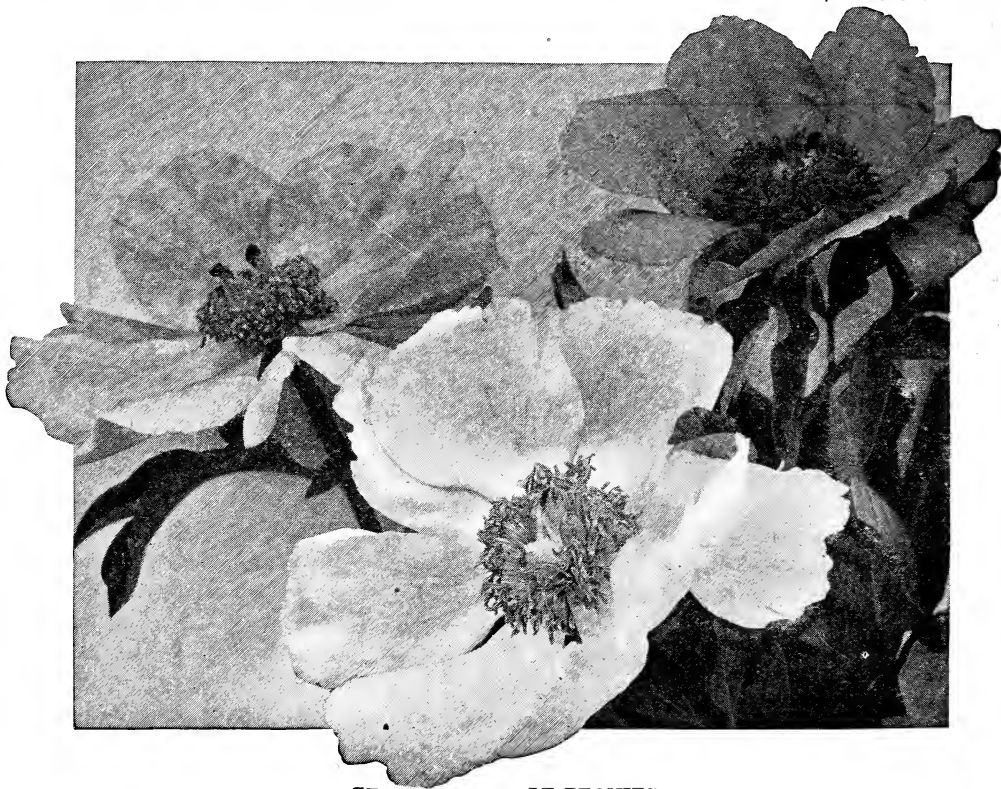
large, beautiful flat, imbricated, compact semi-rose type blossom. Flowers of remarkable size and freshness in huge clusters, and of unusual perfection in form. First impression is an apple-blossom pink, with each petal silver tipped. According to color chart, a mauve rose; guards clear, collar same as guards, center clear. Pleasant fragrance, late blossoming. Habit of plant, medium erect, tall, medium compact, growth strong. **\$5.00 each.** Recommended. This variety should not

be confused with Dessert's "Sarah Bernhardt" so-called, as it is entirely different.

SIR THOMAS LIPTON. (Kelway.) Large, loose flat, semi-double flower. A uniform bright rosy crimson, showing the golden-yellow stamens prominently in the center. Pleasant fragrance. Mid-season. Plants of medium height, strong, erect growth, producing their flowers abundantly. **\$1.00 each.** Recommended.

UMBELATA ROSEA. (Unknown.) Informal rose type. Guards violet-rose shading to amber-white center. Strong upright grower. One of the most popular. **75 cents each.**

VENUS. (Kelway 1888.) Rose type, almost white but tinged with shell-pink. Mid-season. Fragrant. Fine for cut flowers. **\$1.00 each.**



GROUP OF SINGLE PEONIES

Single Peonies

Single Peonies are becoming more and more popular each year, many people considering them more artistic and beautiful than the double ones. They are exceptionally attractive, and not at all common in the garden, making them especially desirable. They are very airy and stand out prominently, producing their blossoms in great abundance.

I have a very choice collection, principally seedlings, possessing the most delicate and rarest shades; but my stock is insufficient for me to offer them under names, therefore, I offer them under color, and at greatly reduced prices.

White shades, and pure white
Pale pink and delicate shades
Deep pink shades

\$1.00 each.
50 cents each.
50 cents each.

Crimson shades
Pink and white shades

50 cents each.
50 cents each.

Mixed Peonies

Each season, in handling our Peonies, a small amount becomes mixed, many times the very choicest varieties. It does not prove worth while for me to plant these separately, to ascertain their names, so I am offering them at 35 cents each (3 for \$1.00) as long as they last. This mixture is apt to include some of the best new creations not offered in my catalog; and includes both Double and Single varieties.

SPECIAL PEONY OFFER: To give you an opportunity to have a more complete and choice collection of Peonies, I am making the following offer:—

I will ship you Three Choice Peonies for \$5.00, transportation charges prepaid to any part of the United States or Canada. These to be three distinct varieties, that I can recommend to give satisfaction. If you have Peonies and wish different colors from those you now are growing, tell me the colors or the name of the variety if you know it and I will make a selection of varieties that does not include what you have. I will give you as good a selection and variety as possible, using my best judgment, in an effort to please you.



LOHENGRIN
(For description see page 40)

The Iris

Fleur de Lis or Iris Germanica

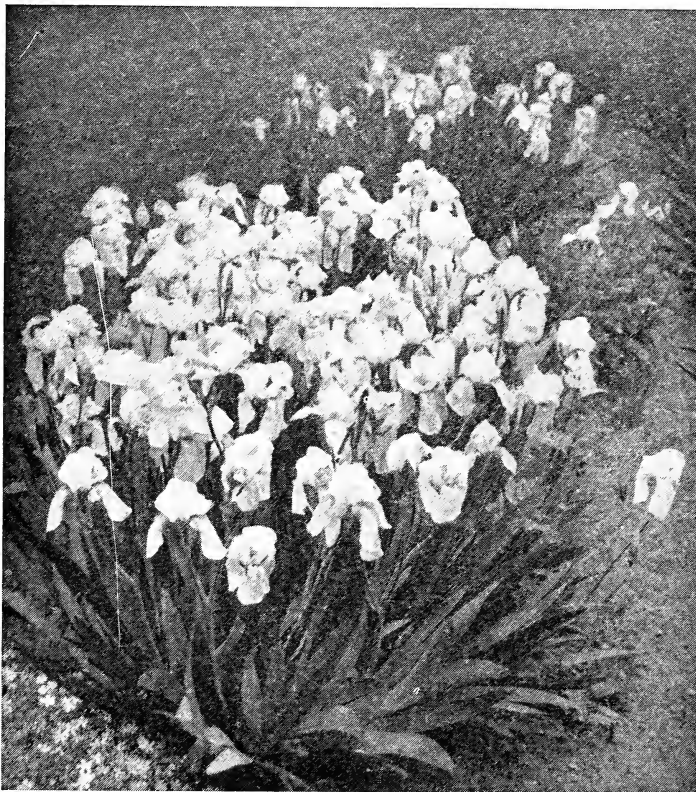
Familiar and well-beloved flowers of Spring. The purity of their beauty and their haunting fragrance is decidedly refreshing. The winsome, modest beauty of some, forming a striking contrast to their more glorious sisters arrayed in a sheen of iridescent splendor. They fairly out rival the Orchid in the wide range of coloring, which includes yellows, from light canary to deep golden; blues, from soft lavender to intense purples; reds, from pinkish mauve to claret and maroon; beautiful bronzes, and pure whites; while some varieties are marked and margined in exquisite harmony.

The Iris grows well in any kind of soil. Succeeds in partial shade but gives the most satisfactory results in well drained sunny location. Iris Germanica are perfectly hardy and require only ordinary cultivation; growing luxuriantly but respond quickly to any extra care giving larger and more beautiful flowers. They should be planted in the Fall during August, September and October. Plant the bud or crown about two inches below the surface, hoe or cultivate frequently for best results.

In the following descriptions Standards signify the three standards (erect, or upright curling petals); Falls—the three falls, or drooping petals.

Iris of Exceptional Merit

These Iris I have selected as the very cream of my entire collection. They are rare, and of pleasing shades. All are unusual colors, and are not found at all commonly grown. I can highly recommend each variety, and the collection as a whole is the best that I can prepare. Excepting a very few of the newest varieties they are the cream of the Iris on the market at this time, every one is a desirable variety, and worthy of a place in the garden of the most particular.



"PRINCESS VICTORIA LOUISE" in foreground.

(See description on page 41.)

This superb collection of Eleven Wonderful Irises, prepaid to any part of the World for \$4.00.

HER MAJESTY. Very attractive on account of its rich and unusual color. Standards, heliotrope of tissue-like delicacy; inner petals straw and lavender; Falls, light mauve traced with white. A very fine, rich flower. **35 cents each; \$3.50 per dozen.**

IRIS KING. Truly properly named, as this variety is a king among Irises. Standards rich golden-yellow with shades of fawn; Falls, deep crimson-wine; all petals of peculiar velviness and superb coloring. A magnificent iris. **50 cents each; \$5.00 per dozen.**

JACQUESIANA, Syn. CAROLINE de SANSEL and CONSCIENCE. A rare variety with rich velvety shades that are not common in Iris, very large and handsome. Standards, bright, coppery-crimson; Falls, rich maroon. **50 cents each, \$5.00 per dozen.**

LOHENGRIIN. Standards and Falls of catalyca-rose; one of the largest and best of the Irises to my knowledge, and without exception the finest lavender pink shade. **50 cents each; \$5.00 per dozen.**

LORD GREY. Clouded rose fawn. A very old and novel shade, very rare and uncommon among the Irises. **50 cents each; \$5.00 per dozen.**

LORELEY. Splendid landscape variety, with lemon-yellow, sometimes splashed with purple standards and ultra-marine blue Falls bordered cream and veined white. Mid-season. **50 cents each; \$5.00 per dozen.**

MADAME CHEREAU. The pride of the German Iris; a tall, stately, queenly flower. A majestic specimen of entrancing beauty. Standards white, edged and fringed mauve, interspersed with lilac; inner petals white; Falls, white, edged the same as the Standards. **25 cents each; \$2.50 per dozen.**

PALLIDA DALMATICA, or Princess Beatrice. A much desired variety, with strong broad leaves, large plants producing tall, stately, clear lavender flowers. 36 inches in height. Highly recommended. **50 cents each; \$5.00 per dozen.**

PRINCESS VICTORIA LOUISE. (See illustration 39.) An exceptionally good landscape variety, with light yellow standards and plum colored Falls bordered cream. Similar to "Loreley" but in general of slightly lighter colors. Late mid-

season. One of the largest and best. **50 cents each; \$5.00 per dozen.**

QUEEN OF MAY. Called by many "The Pink Iris," and a variety that is a favorite everywhere. An early flowering delicate old rose. Tall and stately. **25 cents each; \$2.50 per dozen.**

RHEIN NIXE. The largest of its color to my knowledge, and in my estimation one of the very best. Standards, pure white; Falls, deep violet blue, with a white edge. **75 cents each.**

General Collection of Iris

I will send this collection of 10 Irises for \$2.00, prepaid.

FLAVESCENS. Standards and Falls, a delicate shade of soft yellow. Very fragrant; fine for massing. **25 cents each; \$2.50 per dozen.**

FLORENTINA BLUE. Standards and Falls deep blue. The early flowering blue Iris. Fragrant. **25 cents each; \$2.50 per dozen.**

HERANT. Fine for massing or borders. Standards beautiful lavender blue; Falls blue. Very large and tall. Highly recommended. **25 cents each; \$2.50 per dozen.** The finest of the blue shades.

HONORABILIS. The popular Iris. Similar to Sans Souci. Standards, beautiful golden yellow; Falls, rich mahogany-brown. **15 cents each; \$1.50 per dozen.**

KHEDIVE. A beautiful soft lavender, with distinct orange beard. **25 cents each; \$2.50 per dozen.**

MRS. H. DARWIN. A pure white. Falls slightly reticulated violet. Very beautiful and free-flowering. Recommended. **25 cents each; \$2.50 per dozen.**

PALLIDA SPECIOSA or TURKEY FLAG. Standards, dark lavender shaded lighter; Falls, shaded light purple. **25 cents each.**

PANCHUREA. Standards, a light, smokey shade; Falls, dull violet red. **25 cents each; \$2.50 per dozen.**

QUEEN OF THE GYPSIES. Perfectly marvelous blending of colors. Standards smoky or dusky light bronze; Falls, purplish-red. An entirely new color, one of the finest to date. **25 cents each; \$2.50 per dozen.**

SANS SOUCI or REBECCA. Standards canary; base reticulated dove color; Falls, yellow, veined and interlaced with brown fading to light maroon. **25 cents each; \$2.50 per dozen.**



COLLECTION OF 6 WINSOME IRISES, PREPAID, FOR \$1.00.

No. 1 FLAVESCENS, soft yellow.

No. 2 HONORABILIS, yellow and brown.

No. 3 HER MAJESTY, lavender-pink.

No. 4 MRS. H. DARWIN, white edged violet.

No. 5 HERANT. Large lavender blue.

No. 6 FLORENTINA BLUE, Deep blue.

Japanese Iris - *Iris Kaempferi*

The Japanese Iris is without doubt the king of all Irises. If grown in a favorable location the flowers will attain a size of from eight to twelve inches across and stand over four feet from the ground.

They should be planted in a location that has plenty of moisture but which is well drained, especially in Winter. Standing water during the Winter months will probably kill the plants. They should be planted in the Spring or early Fall and if properly planted and cared for will give excellent results the following season.

They start blooming the last of June just at a time when cut flowers are most appreciated in the garden, and continue for about six weeks. When used for cut flowers they should be cut in the bud and allowed to open in water.

Order by name or number.

I will send this complete collection of 25 Japanese Iris for \$25.00 prepaid.

No.

3. **OTOMENEWOODE.** Three petals. Early bloomer. Falls and Standards royal purple. **35 cents each.**
5. **SUIN.** Six petals. Mid-season. Creamy white throughout, strong grower with several flowers on a stalk. **\$2.00 each.**
11. **YEZONISHITAI.** Three petals. Early. Red-lavender shaded purple veined white, yellow blotch. **50 cents each.**
15. **AMISKOOKI.** Six petals. Late. Plain white. **\$1.00 each.**
20. **CHOISEDEN.** Six petals. Early. White, bordered light crimson-rose. **\$1.00 each.**
31. **WASI-BANRI.** Three petals. Early. Falls, white ground, lined purple with central yellow bar. Standards purple and white. **50 cents each.**
5. **UJI-NO-SATO.** Three petals. Blue-lavender Falls penciled white; Standards, same. **50 cents each.**
36. **TSURO-NO-KEGOROMO.** Three petals. Mid-season. Pure white with yellow blotch. Very large flower. **50 cents each.**
41. **GOLD-BOUND.** Six petals. Mid-season. Large, showy, pure white with gold-banded center. **\$1.00 each.**
43. **PYRAMID.** Six petals. Late. Light violet-blue with narrow white veins. **\$1.00 each.**
56. **ASAGIRE.** Six petals. Late. Variegated blue and white. **\$1.00 each.**
57. **GENJIYAMA.** Six petals. Rich, dark purple, long orange blotch with blue halo. **\$1.00 each.**
82. **YUIUKO.** Three petals. Early. Very large, pure white. **50 cents each.**
92. **SUIBYIN.** Three petals. Late. Falls lilac, shaded dark pink. Standards pinkish white. **50 cents each.**
93. **SHINOYUKI.** Three petals. Early. Falls, dark purple veined white; petaloid-stamens light lavender orange bar. **\$1.00 each.**

No.

95. **TSUTSUIZUTSU.** Six petals. Violet-blue, with large orange blotch. Double as a rose. **\$5.00 each.**
96. **RENJONOTAMA.** Six petals. Late. Standards and Falls white margined lilac. **\$1.00 each.**
97. **YUKINOSORA.** Six petals. Mid-season. Standards and Falls purple; Stamens, white tipped lavender. **\$1.00 each.**
98. **GINGYOKU.** Three petals. Early. Pure white with orange bar. **35 cents each.**
110. **RISH-NO-TAMI.** Six petals. Late. Falls, light ground veined and splashed violet; dark violet stamens. **\$1.00 each.**
112. **SHICHIUKWA.** Three petals. Mid-season. Falls, dark plum-purple with yellow center bar and white halo radiating white lines. White Petaloids. **50 cents each.**
116. **TSURIGI.** Six petals. Late. Reddish maroon with yellow bar. Distinctive color. **\$3.00 each.**
118. **MANADZURA.** Six petals. White closely veined with blue. **\$1.00 each.**
120. **KUMO-NO-UYE.** Six petals. Late. Deep purple with yellow center set in sky-blue field. **\$5.00 each.**
131. **TUJI-NO-HOTARU.** Six petals. Late. Dark purple-brown overlaid with light blue. **\$2.00 each.**

I will send this collection of 5 selected Japanese Iris for \$5.00 prepaid.

18. **KYODASAN.** Six purple-blue petals, center white, yellow blotch radiating into white field. **50 cents each.**
24. **YEDO-JIMIN.** Three dark plum Falls, chrome-yellow center dash, light rose stands. **\$3.00 each.**
26. **KASUGANO.** Six plum-purple petals, white center, white pencilings. **75 cents each.**
40. **HANA-AOI.** Six lavender-grey Falls with yellow throat-bar set in purple field. Stamens violet. **\$1.00 each.**
117. **BLUEBIRD.** A large single sky-blue flower. Strong bloomer and most attractive. **\$1.00 each.**



SIBERIAN IRIS: "SIBERICA ALBA"
25 cents each; \$2.50 per doz. (See below for description)

Siberian Iris

SIBERICA. (Siberian Blue.) (See illustration, this page.) Rich blue flowers of exquisite beauty. 25 cents each; \$2.50 per dozen.

SIBERICA ALBA. (See illustration above.) Siberian White. A beautiful white flower. 25 cents each; \$2.50 per dozen.

SPECIAL IRIS OFFER:—To give my friends and customers an opportunity to have a more complete collection of these early blossoming favorites, I am making the following offer:—

I will ship you Five Choice Named Varieties of Iris for \$1.00, transportation charges prepaid to any part of the United States or Canada. If you have Irises, and wish different varieties from those you are growing, tell me the color and name if you know it, and I will make a selection of varieties that does not include what you have, which will give you five new colors. In making this selection, I will use my best judgment, giving you the greatest variety of colors possible, and varieties I believe will give you satisfaction.

Hardy Perennial Phlox

Among hardy herbaceous plants, none are more showy or more easily grown than the Phlox. They are very desirable planted in groups. Individual clumps throughout perennial beds make a very satisfactory display, while mass plantings of one color make the most effective showing.

They produce magnificent trusses of flowers, commencing to blossom in July, and lasting for weeks, making them always favorites of the garden. Their flowers have a very agreeable odor, and are produced in abundance. The plants are perfectly hardy and will grow year after year with but little care. I recommend frequent cultivation, however, as they quickly respond to it, producing much larger trusses, and larger and more beautiful individual flowers. Simply keep the ground clear of weeds and well hoed. They will grow and do well in any soil; but prefer a good rich well drained loam. They may be planted in the Fall during August, September and October; and in the Spring during April, May and until the plants are too far advanced in June. In planting be sure that the crown of the root, that is, the part where the new shoots start, is two inches below the surface of the ground.

Choice Selected Phlox

This collection of 18 distinct named varieties one of each for \$6.00 prepaid.

ANNIE COOK. An exceptionally compact sturdy variety. Pale amaranth pink with rose eye. A very delicate shade. Medium height. **50 cents each; \$5.00 per dozen.**

BARON VON DEDEM. A rich, satiny blood-red with large attractive panicles. Truss of good size. Medium height. Mid-season. **35 cents each.**

BRIDESMAID. One of the very best Phlox grown. White with large rose-crimson center. Very showy and desirable. Plants exceptionally sturdy, producing large trusses. Medium height. **25 cents each.**

EUROPA. A very distinct new Phlox that wins instant favor, and proves deserving of a place in the gardens of the most particular. The plants are remarkably sturdy, and of good erect habit. The individual flowers and trusses are very large, which add to its value. White with a decided crimson-carmine eye. **25 cents each.**

FRAU ANTON BUCHNER. An exquisite pure white variety. Plants are of medium height, and very sturdy. The individual flowers of this variety are much larger than those of any other white variety to my knowledge. **50 cents each.**

GRUPPENKOENIGIN. One of the finest new Phloxes. Deep mallow pink with tyrian rose eye. Very large trusses; individual flower of enormous size. **50 cents each.**

HENRY MURGER. An exceptionally good salmon variety having good perfect trusses, and very large individual flowers. This is one of the very finest salmon-rose shades, and has all the good qualities of a Phlox. It is one of the very largest varieties I have seen. **35 cents each.**

JEANNE D'ARC or SNOW QUEEN. Undoubtedly the very finest pure white variety to date. The plants are extra strong growers of medium height, producing exceptionally large heads. Ideal for hedging or massing. Highly recommended. **25 cents each.**

LA VOGUE. Silvery-rose, with deeper rose eye. **25 cents each.**

LE MAHDI. A perfect beauty of special merit. The flower is a rich, dark violet-purple, a color rare among Phlox. The plants are very strong and robust; they are of medium height and produce large flower trusses; individual flowers exceptionally large. **25 cents each.**

MISS LINGARD. Glossy Foliage Phlox. White with faint lilac eye. This variety is an early-flowering Phlox and blooms continually throughout the season. Plants are tall, sturdy, and first-class for bedding. Dark, glossy, green foliage. **25 cents each.**

RICHARD WALLACE. White with distinct violet eye. One of the most popular, and best known. An exceptionally good variety, that is always reliable, proving a favorite everywhere. **25 cents each.**

R. P. STRUTHERS. Very strong grower, with large heads of fiery salmon-red. Very showy. Fine for borders or hedging. **25 cents each.**

PANTHEON. Flowers are very large; pink or salmon-rose; one of the most distinct varieties. Sturdy plants of medium height. **35 cents each; \$3.50 per dozen.**

PEACH BLOW. One of the most delicate shades among the new Phlox. Deep rose pink with white ring and tyrian pink eye. **50 cents each; \$5.00 per dozen.**

THOR. A most beautiful and lively shade of deep salmon-pink, suffused and overlaid with scarlet glow; with a light, almost white halo surrounding the aniline-red eye. This lovely variety holds a supreme place among the deep salmon-pink, and it is a pleasure to recommend this new creation. It is of exceptionally good habit, being tall and sturdy and producing immense trusses. Flowers are of gigantic size. **50 cents each.**

W. C. Egan. One of the very finest Phloxes yet introduced, and a variety that wins instant favor, while the individual flowers, according to color chart, are of a delicate lilac, illuminated by a large bright solferino eye, the color effect, as a whole, is a pleasing shade of soft pink. In habit of growth it is very strong and vigorous; producing immense panicles of flowers nine inches high by seven across, and the individual flowers are frequently over 1½ inches in diameter. Very satisfactory and one that I can highly recommend. **50 cents each.**

WIDAR. A very attractive and rare variety that I can highly recommend. Pure purple with a prominent white center. Different from all the other varieties. **50 cents each.**

Tritoma

(Red-hot Poker, Flame Flower, or Torch Lily.)

The greatest bedding plant ever introduced, surpassing the finest Cannas for attractiveness and brilliancy, equal to Gladioli as a cut-flower and blooms incessantly from June until December, regardless of frost. Plants are perfectly hardy in the open ground all Winter south of Philadelphia; further north they must be protected or wintered in a cellar. Just bury the roots in sand; nothing more is required. Should be planted out early in Spring, and will commence growth and bloom at once, growing larger and finer every day. Established plants show from 6 to 20 grand

flower stalks all the time, each holding at a height of 2 to 3 feet a great cluster of flame colored flowers of indescribable beauty and brilliancy. Fall frosts do not kill or stop its blooming, and it is as brilliant as ever long after all other garden flowers have been killed. For cutting it is unsurpassed, and the beautiful long spikes keep several weeks in water. Without a single exception, it is the most desirable garden flower. I offer but one variety this year.

Pfitzerii. (The Everlasting Flame Flower.) In bloom from August to November, with spikes from 2 to 3 feet high and heads of bloom of a rich, orange scarlet, producing a grand effect either planted singly in the border or in masses. **50 cents each; \$5.00 per dozen.**



Hardy Perennials

We are sure that nothing gives our customers greater satisfaction about their grounds than a well arranged flower garden of Hardy Plants. With the proper selection of varieties, flowers may be had in bloom from early Spring until severe frost; many of them will succeed where less hardy varieties would prove a total failure; once planted they make a permanent bed and are therefore less trouble and expense than where tender plants are used, and while they are of the easiest culture and do better with less care than most other varieties, yet they well repay any extra attention that may be given them. A properly prepared bed to receive them should be deeply forked or spaded with a liberal supply of well-rotted manure thoroughly worked in. Bone-dust and also some commercial fertilizers produce excellent results and may be applied in small quantities several times during the season and lightly raked into the soil.

Although not absolutely necessary, a Winter covering of long, strong, coarse litter or similar material will afford such protection as to guard against sudden changes of freezing and thawing, and the plants will be in a stronger condition to make an early start in the Spring to pay for the little trouble incurred. Manure can also be used, but a heavy covering on evergreen varieties would be likely to rot and kill them. Roots cannot be shipped until about March 15th, because our ground is frozen or snow-covered until about that date, usually making it impossible to dig them. All hardy plants shipped prepaid at prices quoted.

ACHILLEA—"The Pearl"

A Summer-blooming variety, worthy of a place in every garden. The flowers are pure white, very double, and are produced in large sprays on long stems; are much used by florists for cut-flower work. Perfectly hardy. Particularly desirable for cemetery planting. 18 inches. **25 cents each; \$2.00 per dozen, prepaid.**

AQUILEGIAS or COLUMBINES

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising two or more feet above a beautifully divided foliage. They should be planted wherever their presence will serve to lighten up a too stiff and formal planting. No other plant has so airy a grace as the Columbine, is more generous of its blooms, or is more effectively adapted for cut flowers. They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position. Their period of flowering covers the late Spring and early Summer months and they usually make themselves at home in any hardy border or rockery.

CALIFORNIA HYBRIDS. Tall growing hybrids from native California Columbines. Principally large flowered yellow blossoms with red spurs. Most have long spurs. Blossoming in May, June and July. Very attractive, 2 to 3 feet tall. **35 cents each; \$3.50 per dozen.**

COERULEA HYBRIDS. (Rocky Mountain Columbines.) Including all the well-known colors and shades, blue, pink, red, salmon and yellow. **25 cents each; \$2.50 per dozen.**

CHRYSANTHA HYBRIDS. (Golden Spurred Columbine.) Long-spurred, delicate and most exquisite blendings of yellow. **50 cents each; \$5.00 per dozen.**

SKINNERI. Blossoms in late May and June. Native of Mexico. Bushy habit. Grows 2 to 3 feet high. Flower of scarlet and yellow, with long red spurs. **35 cents each; \$3.50 per dozen.**
One each of 4 above Columbines for \$1.25 prepaid.

HARDY ASTERS

Michaelmas Daisies or Starworts

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October; a season when most other hardy flowers are past. For best effects, they should be planted in masses of one color.

ASTER, AMELLUS BESSARABISCUS. Rich purplish-blue flowers, with orange centers. Good for cutting. 12 to 18 inches in height; blossoming in August and September. **25 cents each.**

CLIMAX. A splendid new variety that I can highly recommend. Flowers of light lavender-blue, of very large size, and produced abundantly. Individual flower from 1 to 1½ inches in diameter. Plants grow three to four feet tall. **25 cents each; \$2.50 per dozen; \$18.00 per 100.**

HARDY PERENNIALS—Continued.

ASTER. LONGIFOLIA FORMOSISSIMA. One of the most popular bright violet Asters. Plants grow three feet tall. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

NOVAE-ANGLIAE ROSEUS. The largest deep pink Aster, a beautiful rosy-pink to purplish mauve, immense heads; flowering during September and October. Plants grow from 3½ to 5 feet. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

T. S. Ware. Delicate rosy-lilac, large flowers, one of the best of its color. Three to four feet tall. 25 cents each; \$2.50 per dozen; \$18.00 per 100.

ASTILBE

ASTILBE, QUEEN ALEXANDER. Beautiful pink flowers on plants 12 to 18 inches tall. 35 cents each; \$3.50 per dozen.

BOLTONIA

ASTEROIDES. (False Chamomile.) This is an excellent decorative flower. Very desirable to hide unsightly fences, and places in the yard. The bushy plants grow 5 feet high, covered with small white flowers of the Aster-type. Very effective for vases. Strong plants. 20 cents each; \$2.00 per dozen, prepaid.

BUDDLEIA or BUTTERFLY BUSH

Buddleia, variabilis veitchiana. Beautiful violet-mauve flowers, with a distinctive odor. A continuous and very satisfactory Summer-flowering plant. Flowers are borne on long, cylindrical spikes, six to twelve inches in length. Blossoms satisfactorily first year planted. 50 cents each; \$5.00 per dozen.

CENTAUREA

CENTAUREA, MONTANA. (Perennial Cornflower.) Plants from 12 to 15 inches in height; a rosy purple, flowering from July to September. 25 cents each; \$2.50 per dozen.

CENTAUREA, WHITE LEAVED or DUSTY MILLER. Fine plants of easy culture, that are suitable for hot sunny situations, in the border or rockery. Their white foliage contrasting with the foliage of other hardy plants, making them very showy. 25 cents each; \$2.50 per dozen.

DELPHINIUM or HARDY LARKSPUR

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the Spring has opened. The ground should be well drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late Autumn, coal ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender, the plants should be staked when they are about three feet high, to protect them from heavy winds. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

BELLADONNA. The freest and most continuous bloomer of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower. 35 cents each; \$3.50 per dozen; \$25.00 per 100.

Choice Hybrids, including all the standard colors. I can supply these in mixtures only. 25 cents each; \$2.50 per dozen.

CHINESE. (Grandiflorum or Chinese Larkspur.) Fine feathery foliage and deep gentian blue flowers. 2 feet. 50 cents each; \$5.00 per dozen.

CHINESE ALBUM. A white flowered form. 2 feet. 50 cents each; \$5.00 per dozen.

DIANTHUS—PINKS

DIANTHUS PLUMARIUS DELICATA. New seedling pink, from *Dianthus plumarius*. The earliest of all to blossom. Very delicate beautiful camec-pink flowers, blossoming in June. 9 inches in height. 35 cents each; \$3.50 per dozen.

DIANTHUS, SEMPERFLORENA. 9 to 12 inches. Single and semi-double flowers. Pink, with crimson-red center. 25 cents each; \$2.50 per dozen.

FUNKIA Plantain Lily

FUNKIA—Plantain Lily. The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border, even when not in flower. Lavender-blue blossoms in July, August and September. They succeed equally well in sun or shade. 20 cents each; \$2.00 per dozen.

HEMEROCALLIS

(Yellow Day Lily.)

Popular hardy plants, belonging to the Lily family. They succeed everywhere and should always be included in the border of old-fashioned hardy plants.

From Greek, *hemero*—day, and *kallos*—beautiful; because the beautiful blossoms close at night.

One of the most beautiful and popular of our garden perennials. The Lemon Day Lilies have narrow grass-like foliage, and the flowers have wide funnels. Small plants will flower freely the first year. The plants are all remarkably free from enemies and need no protection even in the severest Winters. The flowers are very simple, yet distinct, with a wholesome fragrance. The individual flowers are short-lived, but there is a good succession. They thrive in almost any garden soil, but are most luxuriant along the borders of ponds or moist places, and in partial shade. Excellent for cutting, lasting a long while, and the most backward buds opening in water.

Our stock of *Hemerocallis* is field-grown, and can be depended upon to be true to name.

APRICOT. Rich apricot colored flowers. Plants grow 2½ feet tall. 25 cents; \$2.50 per dozen.

AURANTIACA. (Carolina Lily.) A beautiful, large trumpet-shaped Day Lily with fragrant orange flowers. One of the most satisfactory; height 2 to 3 feet; flowers in June and July. Easy to grow. 35 cents each; \$3.50 per dozen.

FLAVA. (Yellow Day Lily.) The best known variety; very fragrant, deep, clear lemon-yellow; flowers in June; height 2 to 3 feet. 25 cents each; \$2.50 per dozen.

HIBISCUS (Mallow or Malva)

From Old Greek, meaning to soften, referring to its soft, mucilaginous qualities.

Tall vigorous growing perennials of the most ancient culture. Used among the Romans as a vegetable, and still serves as food to the Chinese.

MALLOW MARVELS or GIANT FLOWERING Hibiscus. (Marshmallow.) An improved form of our native Marshmallow or Rosemallow, in which the colors have been greatly intensified. Robust, upright habit, producing an abundance of flowers of enormous size, in all the richest shades of crimson and pink. Strong roots, 50 cents each, \$5.00 per dozen. Small divisions at 25 cents each; \$2.50 per dozen.

LYSIMACHIA

CLETHROIDES. (Loose-strife.) A fine hardy plant, between one and two feet in height that blossoms during July, August and September. Long dense recurved spikes of pure white flowers. 25 cents each; \$2.50 per dozen.

MONARDA (Bergamot)

(Bee Balm.)

DIDYMA ROSEA. (Bee Balm.) Showy plants growing from 2 to 3 feet in height, that succeed in any soil or position. Bright colored flowers of a reddish rose shade, with aromatic foliage. Blossoms during July and August. 25 cents each; \$2.50 per dozen.

HARDY PERENNIALS—Continued

PHYSOSTEGIA

PHYSOSTEGIA VIRGINIANA. (Ladies' Pink.) An elegant plant with dark, glossy, green foliage and long spikes of soft rose flowers; excellent for cutting. It produces its flowers during July, August and September when few flowers are in bloom. Height, 2 to 3 feet. 20 cents each; \$2.00 per dozen.

PHLOX SUBULATA

(Moss Pink)

PHLOX SUBULATA. Dwarf Moss Pinks. A much prized old-time garden plant, useful for colonizing where it is desired to cover the earth with a tufted, dense, evergreen mat. It is much used in cemeteries, rockeries, for borders, and old-fashioned gardens. Blooms profusely in the Spring and is sweetly scented.

ALBA. Pure white. 25 cents each; \$2.50 per dozen.

LILACIANA. Flowers clear lilac. 25 cents each; \$2.50 per dozen.

RUDBECKIA

(Cone Flower.)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, well suited for cutting.

GOLDEN GLOW. A well-known popular plant, strong, robust grower, attaining a height of 5 to 6 feet; produces masses of double golden-yellow flowers from July to September. 15 cents each; \$1.50 per dozen.

SEDUM (Stonecrop)

From Latin, sedeo—to sit; these plants growing upon the bare rocks, look as if sitting upon them.

A very diverse but charming group of plants, most of them dwarf, evergreen perennials, with pretty leaves in rosettes, and a profusion of brilliantly colored flowers, that make them exceptionally desirable in the rock garden or in the crevices of old walls, etc. Some are taller growing, beautiful-flowered border varieties that are an adjunct to any garden. All are of the

easiest culture and are most hardy and welcome perennials. Write for list of other varieties if interested.

SPECTABILE ROSEA. (Show Sedum.) Most popular of the Sedums and used for the greatest number of purposes; showy, flat heads of rose colored to purple flowers. 18 inches to 2 feet. 25 cents each; \$2.50 per dozen.

TRADESCANTIA

(Spiderwort.)

TRADESCANTIA ALBA. An all-round plant for wet or dry, sunny or shady situations, continuing in bloom from early Summer until frost. Pure white, three-petaled flowers in clusters on long stems, and long, pointed foliage. Height 2 feet. 25 cents each; \$2.50 per dozen.

HARDY GARDEN HELIOTROPE

Valeriana (Spurred Flower.)

VALERIANA OFFICINALIS. The old-fashioned garden Heliotrope with pinkish or lavender flowers with Heliotrope fragrance; flowers in June and July; Height, 4 feet. 25 cents each; \$2.50 per dozen.

VIOLA—VIOLETS

VIOLA CORNUTA. A very beautiful hardy violet blossoming from April until frost, and growing from 4 to 6 inches in height. Large blue flowers. A fine border plant. 20 cents each; \$2.00 per dozen; \$15.00 per 100.

YUCCA

(Adam's Needle.)

YUCCA FILAMENTOSA. A stately foliage and flowering plant equally imposing in solitary or group planting; always conspicuous. The broad sword-like foliage is evergreen, while in mid-Summer it shows great erect, branching stems, bearing a showy display of pendant, creamy white bells. Very fragrant; flowers in July and August. Roots 25 cents each; \$2.50 per dozen; larger plants, 50 cents each; \$5.00 per dozen.

OYAMA PLANT FOOD

A Wonderful Japanese Discovery

MAKES PLANTS THRIVE

By using OYAMA on house plants it will keep them in bloom all Winter and as green and luxuriant as if grown outdoors in the Summer. It will make your flower and vegetable garden wonderfully productive and the envy of your neighbors.

It makes no difference how healthy or delicate your plants may be, OYAMA will bring out new flowers and foliage and cause a marvelous transformation.

FOOD FOR PLANTS, FLOWERS, VEGETABLES

Clean, Odorless, Safe to Use

Full directions with every package

PRICE

House Plant Size, makes 6 gallons....\$.30

Garden Size, " 32 " ...1.10

A FEW TESTIMONIALS

Scranton, Pa.
June 8, 1923

Mr. J. K. Alexander,
East Bridgewater, Mass.

Dear Sir:

Accept my late acknowledgment in receiving the package of bulbs and roots sent me some few days ago.

I wish to state they reached me in perfect condition and everything satisfactory.

I appreciate very much your generosity in the number of extra bulbs you sent, and thank you for them. All have been planted and many are showing growth.

I am, very truly yours,

(Mrs.) MYRTLE I. WEST.

Redford, Mich.
Nov. 23, 1922.

My dear Mr. Alexander:

The peony roots arrived safely this morning and were safely tucked away for the Winter with the thermometer at almost fifty—so you see I got them just the right time.

They are splendid roots and you were most generous with them—think they will be a decided addition to my small collection.

Very truly yours,

MRS. F. W. HERBERT.

Ornamental and Flowering Shrubs

Shipped by Express at Purchaser's Expense.

A good Shrub collection will present the greatest variety of colors throughout the season, both in flower and foliage.

Irregular massing is the most picturesque method of shrub planting. When right selections are made, they will serve almost as well as Evergreens, to shut out from view fences and other low unsightly objects. It is my constant aim to grow everything that is useful, hardy and worthy of cultivation in our climate.

Annual pruning should be done directly after flowering. When planting, the best way to maintain a balance between roots and branches is to cut the latter to half their length. I prune all I ship out, so they are properly pruned, and ready to plant and grow. When pruning, the old scraggy wood and spindly shoots should be cut out. When planting, the holes should be made large enough to allow the roots to be spread out in a natural way. Firm planting is essential to the future well-being of the shrub. In planting, therefore, the soil should be crowded around the roots firmly. The top-soil should be kept cultivated to a depth of two to three inches.

If heavy bushes are desired I have good large specimens that will produce immediate effect. These are designated by the words specimens throughout the descriptions.

BERBERIS. Barberry

BERBERIS THUNBERGII. Where a low, dwarf, deciduous hedge is wanted, nothing equals this beautiful Barberry. It is of spreading habit, growing extremely thick right from the base and requires but little pruning to keep it in shape. The leaves are small, light green, and towards Fall assume rich, brilliant color, the fruit or berries becoming scarlet; absolutely hardy in all parts of the country.

	Doz.	100
10 to 15 inches.....	\$3.00	\$15.00
15 to 18 inches.....	3.50	25.00
18 to 24 inches.....	5.00	35.00

CALIFORNIA PRIVET

Of all ornamental hedge plants this is the most popular and more of it is planted than all others combined. Its foliage is a rich, dark green and is nearly evergreen, remaining on the plant until mid-Winter. It is of free growth and succeeds under the most adverse conditions, such as, under dense shade of trees where other plants would not exist.

To form a dense hedge from the base up the plants should be severely pruned the first two seasons. Plant the one-year old size 8 inches apart in the row, the larger sizes 10 to 12 inches apart.

	Doz.	Per 100
Strong, 1 year, 18 to 24 inches.....	\$1.50	\$10.00
Strong, bushy, 2-year, 24 to 30 inches..	1.75	12.00

LIGUSTRUM, Amurense (Amoor River Privet.)

An ornamental hedge plant somewhat similar to the famous California Privet, but hardier. Leaves dark, glossy green.

	Doz.	100
2 to 3 feet.....	\$3.50	\$25.00
3 to 4 feet.....	4.00	30.00

DEUTZIA

We are indebted to Japan for this valuable genus of plants. Their hardihood, fine habit, luxuriant foliage and profusion of attractive flowers place them among the most beautiful and most popular of flowering shrubs at the present time. Flower in June and through July and August.

PRIDE OF ROCHESTER. A variety of Deutzia Crenata Flore Plena, producing large, double white flowers; backs of the petal slightly tinted with rose. It excels all the older sorts in size of flower, length of panicle, profuseness of bloom and vigorous habit; blooms nearly a week earlier.

	Each	Dozen
24 to 36 inches.....	\$.75	\$7.50
36 to 48 inch.....	1.00	10.00
48-inch specimen bushes	1.25	12.00

HYDRANGEA

HYDRANGEA ARBORESCENS GRANDIFLORA. (Snowball Hydrangea.) This magnificent perfectly, hardy American shrub has snow-white blossoms of largest size. One of its most valuable characteristics is its coming into bloom just after the passing of all the early Spring shrubs, while its long flowering season, from early June until late August, makes it a valuable acquisition in any garden. Small plants, 50 cents each; \$5.00 per dozen; specimen plants, \$1.00 each.

HYDRANGEA PANICULATA GRANDIFLORA. Without doubt the best known and most popular Autumn flowering shrub in cultivation at the present time. The flowers, which are borne in dense, pyramidal panicles a foot long in the greatest profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. Extra fine bush plants, \$1.00 each; \$10.00 per doz.

SPIRAEA

VAN HOUTTEI. (Bridal Bower.) By many this is regarded as the finest of all Spiræas, and it is assuredly one of the most esteemed shrubs in cultivation. It forms an erect bush with graceful arching branches, well covered with neat, rich green foliage, and in early Summer a profusion of large, pure white flower clusters. Very hardy and most effective.

	Each	Dozen
12 to 18 inches.....	\$0.50	\$5.00
18 to 24 inches75	7.50
24 to 30 inch specimen bushes.....	1.00	10.00
36 inch specimen bushes.....	1.50	15.00

WOODEN PLANT LABELS

For any kinds of plants. These are plain labels to be used either in pots or out of doors, with one end pointed. I am also offering Dahlia labels which are suitable for labeling all kinds of Dahlias.

Plant Labels—4 inch, plain, 50 cents per 100, prepaid; \$2.00 per 1,000, prepaid. 5-inch, plain, 55 cents per 100, prepaid \$2.50 per 1,000, prepaid; 6 inch, plain, 60 cents per 100, prepaid; \$2.75 per 1,000, prepaid.

DAHLIA LABELS

Dahlia Labels, Painted, with Wires.—3½-inch, iron wire; 75 cents per 100, prepaid; \$3.00 per 1,000, prepaid. 3½-inch, copper wire, \$1.00 per 100, prepaid; \$4.00 per 1,000 prepaid.

Dahlia Labels, Plain, with Wires—3½-inch, iron wire, 50 cents per 100, prepaid; \$2.00 per 1,000, prepaid. 3-inch, copper wire, 75 cents per 100, prepaid; \$2.50 per 1,000, prepaid.



ROSE PINK CENTURY SINGLE DAHLIA
(For description see page 25)

